XPERIA™

# Sony Ericsson W8 Walkman™ phone

## Extended User guide

Sony Ericsson
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# User support

Access user support directly in your phone through the Support application. For example, you can open a User guide with instructions on how to use your phone. You can also get troubleshooting and other help from the Sony Ericsson support zone, and from our contact centers.

- **Support application features:**
  - User guide in the phone – read and search an extended User guide.
  - Phone optimizer – enhance battery and software performance, and improve connectivity.
  - Educate yourself – read tips and tricks, get the latest news, and watch how-to-videos.
  - Email support – send an email to our support team.
  - Software updates – download the latest software.
- **Support zone** – visit *www.sonyericsson.com/support* from your computer to get the most from your phone.
- **Troubleshooting** – find common problems and error messages at the end of our User guides and on the support zone.
- **Call center** – if all else fails. The relevant number is listed in the supplied *Important information* leaflet.

The extended User guide is also available at *www.sonyericsson.com/support*.

### To use the support application

1. From the Home screen, flick through the horizontal list of widgets and tap **Support** .
2. Find and tap the required support item.



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# Important information

**Please read the *Important information* leaflet before you use your mobile phone.**

! Some of the services and features described in this User guide are not supported in all countries/regions or by all networks and/or service providers in all areas. Without limitation, this applies to the GSM International Emergency Number 112. Please contact your network operator or service provider to determine availability of any specific service or feature and whether additional access or usage fees apply.



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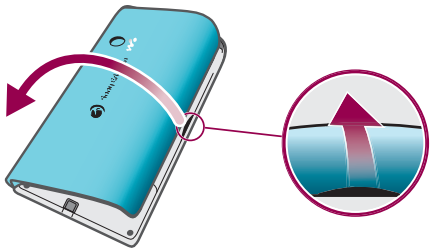
# Getting started

## Assembly

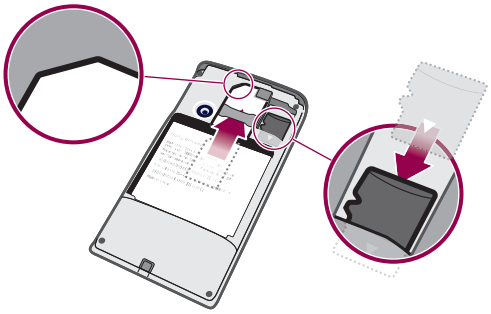
### To remove the battery cover



- Insert the tip of your finger or a thin object firmly into the opening on the side of the phone, between the phone and the battery cover. Then lift up the cover slowly.

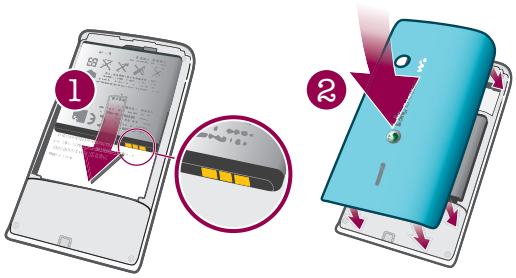
! Do not use sharp objects that may damage parts of the phone.

### To insert the SIM card and the memory card



- Remove the battery cover, then insert the SIM card and the memory card in the relevant slots.

### To insert the battery and attach the cover




1 Insert the battery with the connectors facing each other.
2 Place the cover over the back of the phone so that the camera lens hole in the cover is aligned with the camera lens.
3 Press down gently on all edges of the battery cover to make sure it gets attached on both sides.



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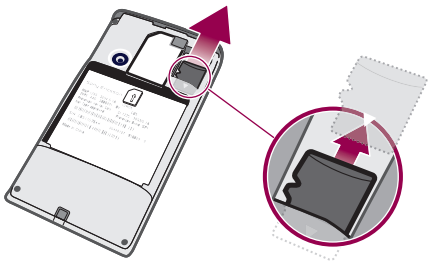
### To remove the memory card



- Remove the battery cover, then press the edge of the memory card and draw it outwards. Release and remove.

## Turning the phone on and off

### To turn on the phone

1. Press and hold down the ⏻/🔒 key on the top of the phone.
2. If your screen goes dark, press ☐ or press ⏻/🔒 briefly to activate the screen.
3. Drag the screen lock icon across the screen to unlock it.
4. Enter your SIM card PIN, when requested, and select **OK**.
5. At first startup, follow the instructions in the setup guide.

Your SIM card PIN is initially supplied by your network operator, but you can change it later from the **Settings** menu. To correct a mistake made while entering your SIM card PIN, press ⌫.

### To turn off the phone

1. Press and hold down ⏻/🔒 until the options menu opens.
2. In the options menu, tap **Power off**.
3. Tap **OK**.

## Screen lock

When your phone is on and left idle for a set period of time, the screen darkens to save battery power, and locks automatically. This lock prevents unwanted actions on the touch screen when you are not using it.

### To activate the screen

- Press ☐ or press ⏻/🔒 briefly.

### To unlock the screen

1. Press ⏻/🔒 to activate the screen.
2. Drag the 🔒 icon along the screen lock path to the other side.

### To lock the screen manually

- When the screen is active, briefly press the ⏻/🔒 key.

## Setup guide

The first time you start your phone, a setup guide explains basic phone functions and helps you enter essential settings. Set up your phone so that it works to your needs. Import your old contacts, select your phone language, optimize your wireless network connection settings, and much more.

The setup guide covers the following:

- Basic phone settings such as language, Internet, time and date.
- Wi-Fi® settings – speed up your connection and decrease data transfer costs.
- Application settings – helps you with email setup, online service accounts, and contact transfers.



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You can also refer to the respective chapters in the in-phone User guide, also available at *www.sonyericsson.com/support*, for more help with the following:

- Info on your phone's hard keys
- Entering text
- Wi-Fi®
- Sony Ericsson Sync

! Before you can import contacts via a synchronization account, you first need to set up the synchronization account and back up your old contacts to it. If you do not want existing contacts saved on your memory card or SIM card to be synchronized, then you should import these contacts from the memory card or SIM card to your new phone before you set up the synchronization account.

If you prefer, you can skip some steps and access the setup guide later from the applications panes or change the settings from the **Settings** menu.



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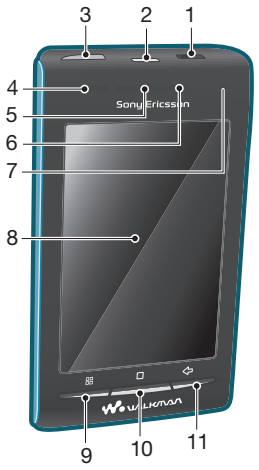
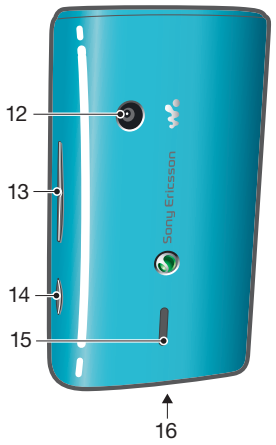
# Getting to know your phone

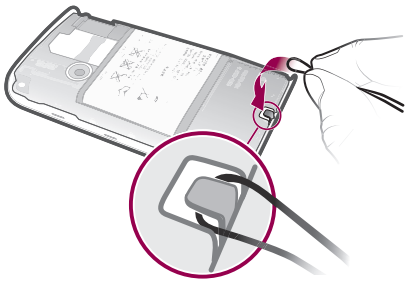
## Phone overview

| | |
|---|---|
| 1 | 3.5 mm headset connector |
| 2 | Power key/Screen lock |
| 3 | Connector for charger/USB cable |
| 4 | Proximity sensor |
| 5 | Ear speaker |
| 6 | Notification LED (Battery status) |
| 7 | Light sensor |
| 8 | Touch screen |
| 9 | Menu key |
| 10 | Home key |
| 11 | Back key |
| 12 | Camera lens |
| 13 | Volume key |
| 14 | Camera key |
| 15 | Speaker |
| 16 | Strap holder |




### To attach a strap to the strap holder



1 Remove the cover.
2 Wrap the strap around the strap holder.
3 Attach the cover.

## Battery

Your Android™ phone keeps you connected and updated wherever you are. This affects the battery life of your phone. Below are some tips on how to prolong battery life while still staying connected and up to date.



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## Battery performance

Standby time is the amount of time the battery can power your phone when calls are not being received or made. The more time your phone is in standby, the longer the battery lasts.

The following tips can help you improve battery performance:

- Charge your phone often.
- Downloading data from the Internet is power consuming. Turn off all data connections by disabling the **Data traffic** option from the status bar when you're not using the Internet.
- Set synchronization applications (used to synchronize your email, calendar and contacts), to synchronize manually. You can also synchronize automatically but increase the intervals.
- Check the battery usage menu in the phone to see which applications use the most power. Your battery consumes more power when you use video and music streaming applications such as YouTube™. Some Android Market™ applications also consume more power. Limit your use of such applications if your battery is running low.
- Increase the interval between updates or set the interval to manual for Facebook™ and Twitter™ updates.
- Turn off GPS, Bluetooth™ and Wi-Fi® when you don't need these features. You can turn them on and off more easily by adding the Power control widget to your Home screen. You do not need to turn off 3G.
- Lower the screen display brightness level.
- Turn off your phone or use **Flight mode** if you are in an area with no network coverage. Otherwise, your phone repeatedly scans for available networks, and this consumes power.
- Use a handsfree device to listen to music. This consumes less battery than when you listen through the phone's loudspeakers.
- Visit *www.sonyericsson.com/support* or go to the Sony Ericsson **Support** application in your phone for an extended User guide. Here you can also find a video on how to maximize the battery performance.

Lowering the screen display brightness and keeping the Bluetooth™ and Wi-Fi® enabled even though not in use, have a minor impact on the available battery life.

### To turn off all data connections

1. From the Home screen, drag the status bar downwards to open the Notification panel.
2. Tap **Data traffic**, then uncheck the Data traffic checkbox to turn off all data connections.

Data connections are active when the **Data traffic** icon appears in the status bar.

### To access the battery usage menu

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **About phone** > **Battery use** to see which installed applications consume the most battery power.

### To add the Data traffic widget to your Home screen

1. From the Home screen, press .
2. Tap **Arrange widgets** > **Add widget**.
3. Select the **Data traffic** widget. You can now turn on and off all data connections more easily.

### To add the Power control widget to your Home screen

1. From the Home screen, press .
2. Tap **Arrange widgets** > **Add widget**.
3. Select the **Power Control** widget. You can now turn on and off Wi-Fi™, Bluetooth and GPS more easily.



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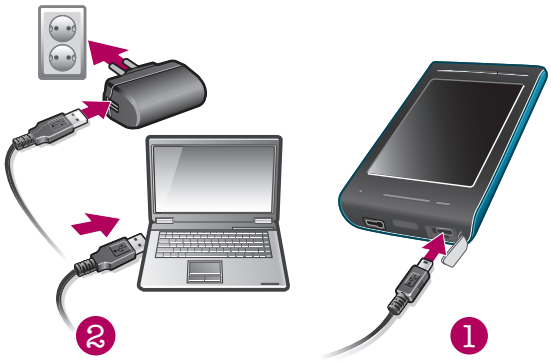
## Charging the battery

The phone battery is partly charged when you buy the phone. It may take a few minutes before the battery icon appears on the screen when you connect the phone to a power source. You can still use your phone while it is charging.

! The battery will start to discharge a little after it is fully charged and then charges again after a certain time. This is to extend battery life and may result in the charge status showing a level below 100 percent.




### To charge the phone using the power adapter

- Connect the phone to a power outlet using the USB cable and the power adapter.

### To charge the phone using a computer

1. Connect the phone to a USB port on a computer using the USB cable included in the phone kit.
2. Tap **Charge phone**.

## Battery LED status

| | |
|---|---|
| Green | The battery is fully charged |
| Flashing red | The battery level is low |
| Orange | The battery is charging. The battery level is between low and full |

### To check the battery level

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **About phone** > **Status**.

# Using the hardware keys

| | | |
|---|---|---|
| Menu | • | Open a list of options available in the current screen or application |
| Home | • | Go to the Home screen or to the applications panes from any application or screen |
| | • | Open the recently used applications window |



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| | | |
|---|---|---|
| | Back | • Go back to the previous screen<br>• Close the on-screen keypad, a dialog box, an options menu, or the Notification panel |

## Using the touch screen

When your phone is on and left idle for a set period of time, the screen darkens to save battery power, and locks automatically. This lock prevents unwanted actions on the touch screen when you are not using it. You can also set personal locks to protect your subscription and make sure only you can access your phone content.

This phone is equipped with a conductive display. Moisture on the screen may prevent proper functionality.

### To open or highlight an item

- Tap the item.

### To mark or unmark options

- Tap the relevant checkbox, or in some cases the right side of the list option, to mark or unmark an option.

| | |
|---|---|
| | Marked checkbox |
| | Unmarked checkbox |
| | Marked list option |
| | Unmarked list option |

### To pan

- When this option is available, drag the screen to pan.

## Zooming

There are two ways to zoom. The zoom alternative depends on the application you are using. For example, the web browser uses and , while the Camera album uses the touch, hold, and drag alternative.

### To zoom

- When available, tap or to zoom in or out.
- Touch, hold and drag upwards or downwards to zoom in or out.

You may have to drag your finger on the screen (in any direction) to make the zoom icons appear.

## Scrolling

You can scroll up or down, and on some Webpages you can also scroll to the sides.

Dragging or flicking will not activate anything on the screen.



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### To scroll

- Drag your finger up or down on the screen to scroll.

### To flick

- To scroll more quickly, flick your finger up or down on the screen. You can wait for the scrolling movement to stop by itself, or you can stop it immediately by tapping the screen.

## Lists

You can browse through alphabetical lists by using the index icon.



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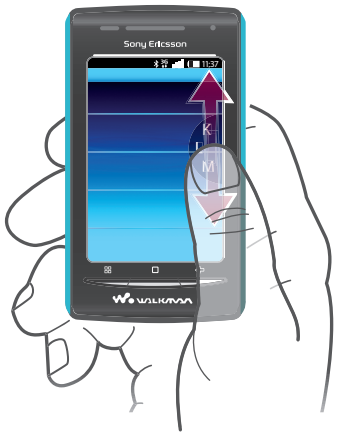


### To use the index icon

1 From any alphabetical list, flick up or down to make appear.
2 Touch, hold, and drag up or down to browse to an index letter.

## Sensors

Your phone includes a light sensor and a proximity sensor. The light sensor detects the ambient light level and adjusts the brightness of the screen accordingly. The proximity sensor turns the touch screen off when your face touches the screen. This prevents you from unintentionally activating phone functions when you are engaged in a call.

# Home screen

The Home screen is the starting point of your phone. You can personalize the Home screen by adding widgets, or by changing the wallpaper and the applications in the corners.

When you add more than one widget, the Home screen extends beyond the screen width. The corners on the Home screen are used to access applications or bookmarks quickly. You can add any application or bookmark to the corners.

When you go to the Home screen, some applications may continue to run in the background. If you do not want applications to run in the background, you should exit each application you have opened before going to the Home screen.

A widget is a part of an application on the Home screen. It displays important information from a particular application. For example, the Sony Ericsson Timescape™ widget displays incoming messages and the Media widget allows you to start playing music directly.

### To view the extended Home screen

- Drag your finger to the sides of the screen.



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### To add widgets to the Home screen

1. Press .
2. Tap **Arrange widgets** > **Add widget**.
3. Select a widget from the list.
4. Press to exit edit mode.

You can also go directly to edit mode by touching and holding a widget for a few seconds.

### To delete a widget from the Home screen

1. Press .
2. Tap **Arrange widgets**.
3. Flick horizontally across the screen and tap the widget you want to delete.
4. Tap .
5. Tap **Yes**.
6. Press to exit edit mode.

You can also go directly to edit mode by touching and holding a widget for a few seconds.

### To rearrange the corners of your Home screen

The icons in the corners of your Home screen are actual applications, not shortcuts to applications.

1. From the Home screen, press .
2. Tap **Arrange icons**.
3. Touch and hold an item in one of the applications panes, then drag it to one of the corners. You can also interchange an item between different application panes and any corner.
4. Press to exit edit mode.

You can go directly to edit mode by touching and holding the relevant corner icon.

You can also add your favorite bookmarks as corner items or drag them away from the corners to the applications panes.

## Wallpapers

Brighten up your Home screen with animated wallpapers. You can go to Android Market™ and other sources to download, for example, live wallpapers that change with the changing hours of the day.

### To add a wallpaper

1. From the Home screen, press .
2. Tap **Wallpaper**, then select a wallpaper.

# Managing applications

## Applications panes

Access applications in your phone from the applications panes. An applications pane is a screen containing icons that are shortcuts to different applications. These panes extend beyond the regular screen width, so you might have to flick left or right to find what you are looking for. You can create new panes and arrange the applications according to your own preferences.



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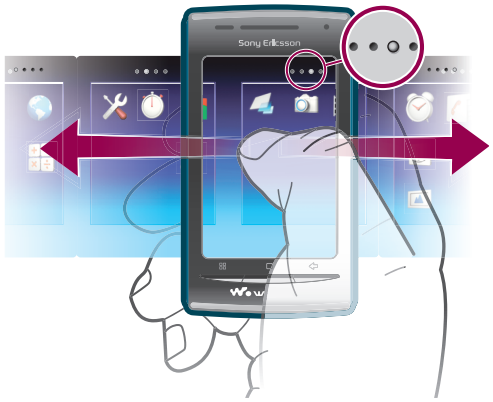

Shows which applications pane you are in

### To browse the applications panes

- From the applications panes, flick right or left.

### To create a new applications pane

1. From the Home screen, press .
2. Tap **Arrange icons**.
3. Touch and hold an item in the last pane until it vibrates and then drag it to the right.
4. Press to exit the edit mode.

### To move an application

1. From the Home screen, press .
2. Tap **Arrange icons**.
3. Touch and hold an item until it vibrates and drag it to one of the corners or to another applications pane.
4. Press to exit edit mode.

You can go directly to edit mode by touching and holding any application icon.

The items in the applications panes are not shortcuts to applications but the actual applications themselves. When you move an application from the applications panes to a corner of your screen, or vice versa, the actual application gets moved, not the shortcut. There are no shortcuts to the applications.

### To delete an applications pane

1. From the Home screen, press .
2. Tap **Arrange icons**.
3. Touch and hold each item until it vibrates, and drag one by one to the left pane until the last pane to the right is empty.
4. Press to exit the edit mode.

Before you move items to the left, make sure that the pane to the left has enough space.

## Applications overview

| | | |
|---|---|---|
| | **Alarm Clock** | Set an alarm |
| | **Album** | View your pictures and photos |
| | **Browser** | Browse the web and download new programs and files |
| | **Calculator** | Perform basic calculations |
| | **Calendar** | Keep track of your appointments |



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| | | |
|---|---|---|
| | **Camera** | Take photos and record video clips |
| | **Contacts** | Keep track of your friends and colleagues |
| | | Keep track of the amount of data your phone sends and receives |
| | **Dataviz® RoadSync** | Reach your corporate email, calendar and contacts (if on a Microsoft® Exchange server) |
| | **Phone** | Make and receive calls, switch between calls, set up conference calling and view your call history |
| | **E-mail** | Send and receive emails |
| | **FM radio** | Listen to the radio in your phone |
| | **Gmail™** | An email application that supports Gmail™ |
| | **Talk** | Chat online |
| | **Market** | Go to Android Market™ to download free and paid applications for your phone |
| | **Messaging** | Send and receive text and multimedia messages |
| | **Walkman™** | Play music and playlists |
| | **Notes** | Take notes |
| | **TrackID™** | A music recognition service |
| | **Video** | View videos saved in your phone |
| | **PlayNow™** | Download a variety of exciting content to your phone |
| | **YouTube** | Share and view videos from around the world |
| | **Maps** | View your current location, find other locations and calculate routes |
| | **Timer** | Count down time |
| | **Settings** | Tailor phone settings to your own liking |
| | **Stopwatch** | Keep track of time |
| | **Sony Ericsson Sync** | Synchronize your contacts, calendar and more |
| | **Timescape™** | Keep track of all daily communication |
| | **Touchnote** | Send printed postcards to your family and friends |
| | **Support** | Find out more on how to use your phone |

Some applications are not supported by all networks and/or service providers in all areas.

Applications you download appear in the applications panes.

## Recently used applications window

You can view and access recently used applications from this window.

### To open the recently used applications window

- From any application, press and hold down □.



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## Application menu

You can open a menu at any time when you are using an application by pressing the key on your phone. The menu will look different depending on which application you are using.

### To open a menu in an application

- While using the application, press .

A menu is not available in all applications.

## Clearing your application data

You may sometimes need to clear data for an application. This might happen if, for example, the application memory becomes full, or you want to clear high scores for a game. You might also want to erase incoming email, text and multimedia messages in some applications.

### To clear all cache for an application

1. From the Home screen, drag upwards.
2. Find and tap **Settings**.
3. Tap **Applications** > **Manage applications**.
4. Tap the desired application.
5. Tap **Clear cache**.

It is not possible to clear the cache for some applications.

### To delete an installed application

1. From the Home screen, drag upward.
2. Find and tap **Settings**.
3. Tap **Applications** > **Manage applications**.
4. Tap the desired application.
5. Tap **Uninstall**.

It is not possible to delete some preinstalled applications.

## Permissions

Some applications need to access parts of your phone to be able to work properly. For example, a navigation application needs permissions to send and receive data traffic, and access your location. Some applications might misuse their permissions by stealing or deleting data, or reporting your location. Make sure you only install and give permissions to applications you trust.

### To view permissions of an application

1. From the Home screen, drag upward.
2. Find and tap **Settings**.
3. Tap **Applications** > **Manage applications**.
4. Tap the desired application.
5. Scroll down to view **Permissions**.



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## Installing applications from unknown sources

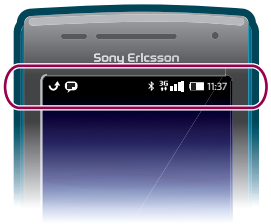
Installing applications of unknown or unreliable origin can damage your phone. By default, your phone is set to block such installations. However, you can change this setting and allow installations from unknown sources.

### To allow the installation of applications from unknown sources

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Applications**.
3. Mark the **Unknown sources** checkbox.

# Status bar

A status bar at the top of the screen displays phone status information and notifications. Notification icons appear on the left side of the status bar. Phone status icons appear on the right side. From the status bar you can access the notification panel.




## Phone status icons

The following status icons may appear on your screen:

| | |
|---|---|
| | Signal strength |
| | No signal |
| | Roaming |
| | GPRS is available |
| | EDGE is available |
| | 3G is available |
| | Sending and downloading GPRS data |
| | Sending and downloading EDGE data |
| | Sending and downloading 3G data |
| | Battery status |
| | The battery is charging |
| | GPS is activated |
| | Flight mode is activated |
| | A headset is connected |
| | The Bluetooth function is activated |
| | Connected to another Bluetooth device |
| | The SIM card is locked |



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| | |
|---|---|
| | The microphone is muted |
| | The speakerphone is on |
| | The phone speaker is muted |
| | Vibrate mode |
| | An alarm is set |
| | Data traffic notification is on |

## Notification icons

The following notification icons may appear on your screen:

| | |
|---|---|
| | New email message |
| | New text message or multimedia message |
| | Problem with text message or multimedia message delivery |
| | New instant message |
| | New voicemail |
| | An upcoming calendar event |
| | A song is playing |
| | Problem with sign-in or synchronization |
| | The memory card is full |
| | The Wi-Fi™ connection is enabled and wireless networks are available |
| | The phone is connected to a computer with a USB cable |
| | Error message |
| | Missed call |
| | Call on hold |
| | Call forwarding on |
| | Downloading data |
| | Uploading data |
| | More (undisplayed) notifications |

## Notification panel

Notification icons are displayed in a detailed view. You can open notifications, such as messages, reminders, or event notifications directly from the Notification panel.



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### To open the Notification panel

- Drag the status bar downwards.

### To close the Notification panel

- Press ⇦.
- Drag the Notification panel upwards.

### To open a running application from the Notification panel

- From the Notification panel, tap the icon for the running application to open it.

### To clear the Notification panel

- From the Notification panel, tap **Clear**.

## Notification LED

The Notification LED (Light-emitting diode) is located at the top of the phone. It provides information on the phone status and on pending notifications. If it is flashing green, there is a pending message for you, or a missed call.

If the phone battery level is low, pending notifications are not indicated by the LED.

# Entering text

## Using the keyboard

When you start an application or select a field that requires text or numbers, the keyboard appears.

### To display the keyboard to enter text

- Tap a text entry field.

### To hide the keyboard

- When you enter text, tap .

### To use the landscape keyboard

- When you enter text, turn the phone sideways.

For the keyboard to support this feature, landscape mode must be supported by the application you are using, and your screen orientation settings must be set to automatic.

### To enter text

- To enter a character visible on the keyboard, tap the character.
- To enter a letter variant, touch and hold a regular keyboard letter to get a list of available options, then select from the list. For example, to enter "é", touch and hold "e" until a list appears, then select "é" from the list.



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### To shift between upper-case and lower-case letters

- Before you enter a letter, tap ⇧ to switch to upper-case ⇧, or vice versa.

### To turn on the caps lock

- Before you type a word, tap ⇧ or ⇧ until ⇧ appears.

### To enter numbers or symbols

- When you enter text, tap 12!?. A keyboard with numbers and symbols appears.

### To insert a smiley

1. When you enter text, touch and hold 12!?.
2. Select a smiley.

### To delete characters

- Tap to place the cursor after the character you want to delete, then tap ⌫.

### To edit text

1. When you enter text, touch and hold the text field until the **Edit text** menu appears.
2. Select an option.

## Keyboard settings

You can select settings for the keyboard, such as writing language and automatic prediction.

### To access the keyboard settings

- When you enter text, tap 🔧. If you have selected more than one writing language, touch and hold 🌐 instead.

### To change writing language

1. When you enter text, tap 🔧, or touch and hold 🌐.
2. Tap **Writing languages**.
3. Select the languages you want to use for writing. When you are finished, press ⇦ repeatedly to return to entering text.
4. If you have selected more than one input language, tap 🌐 to switch between the selected writing languages.

### To change quick text settings

1. When you enter text, tap 🔧, or touch and hold 🌐.
2. Tap **Quick text settings**.
3. Select the desired settings.

# SIM card

The SIM (Subscriber Identity Module) card, which you get from your network operator, contains information about your subscription. Always turn off your phone and detach the charger before you insert or remove the SIM card.

## PIN

You may need a PIN (Personal Identification Number) to activate the services and functions in your phone. Each PIN digit appears as *, unless it starts with emergency number digits, for example, 112 or 911. You can call an emergency number without entering a PIN.

# Memory

You can save content on a memory card and in the phone memory. Music, video clips, and photos are saved on the memory card while applications, contacts, and messages are saved in the phone memory.



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## Memory card

You may have to purchase a memory card separately.

Your phone supports a microSD™ memory card, which is used for media content. This type of card can also be used as a portable memory card with other compatible devices.

Without a memory card you can't use the camera, nor can you play or download music files and video clips.

## Formatting the memory card

The memory card in your phone may be formatted in order to, for example, free memory.

All content on the memory card will be lost. Make sure you have made backups of everything you want to save before formatting the memory card. To backup your content you can copy it to your computer. For more information, refer to the chapter *Connecting your phone to a computer*on page 68 .

### To format the memory card

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **SD card & phone storage settings** > **Unmount SD card**.
3. After you have unmounted the memory card, tap **Format SD card** > **Erase everything**.

## Stereo portable handsfree

### To use a handsfree

1. Connect a portable handsfree.
2. To answer a call, press the call handling key. If you are listening to music, it stops when you receive a call and resumes when the call has ended.
3. To end a call, press the call handling key.

If a portable handsfree is not included with the phone, you may purchase it separately.

## Adjusting the volume

You can adjust the ringtone volume for phone calls and notifications as well as for music and video playback.

### To adjust the ring volume with the volume key

- Press the volume key up or down.

### To adjust the media playing volume with the volume key

- When playing music or watching video, press the volume key up or down.



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### To set the phone to silent and vibrating mode

1. Press the volume key down to minimum. The phone, even though silent, is in vibrating mode. The icon appears in the status bar.
2. Press the volume key further one step down to turn off the vibrating mode. The icon appears in the status bar.

## Phone settings overview

You can set up the phone to suit your requirements, for example, **Date & time**, **Wireless & networks** and **Accounts & sync**.

### To access the phone settings

1. From the Home screen, drag upward.
2. Tap **Settings**.

### To access the setup guide

1. From the Home screen, drag upward.
2. Tap **Setup guide**.

## Time and date

You can change the time and date in your phone.

### To set the date manually

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Date & time**.
3. Unmark the **Automatic** checkbox, if it is marked.
4. Tap **Set date**.
5. Tap + or − to adjust the date.
6. Tap **Set**.

### To set the time manually

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Date & time**.
3. Unmark the **Automatic** checkbox, if it is marked.
4. Tap **Set time**.
5. Tap + or − to adjust the hour and minute.
6. Tap **AM** to change to **PM** or vice versa.
7. Tap **Set**.

! If you want to use **AM** and **PM**, you have to unmark **Use 24-hour format**.

### To set the time zone

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Date & time**.
3. Unmark the **Automatic** checkbox, if it is marked.
4. Tap **Select time zone**.
5. Select an option.

### To set the hour format

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Date & time** > **Use 24-hour format**.
3. Mark the checkbox to shift between 12 hour and 24 hour format.

### To set the date format

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Date & time** > **Select date format**.
3. Select an option.



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## Ringtone settings

### To set a phone ringtone

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Sound & display** > **Phone ringtone**.
3 Select a ringtone.

If the phone is in **Silent mode**, unmark the **Silent mode** checkbox before you set the ringtone.

### To enable touch tones

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Sound & display**.
3 Select the **Audible touch tones** or **Audible selection**.

### To select a notification ringtone

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Sound & display** > **Notification ringtone**.
3 Select a ringtone and tap **OK**.

### To set the vibrating alert

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Sound & display**.
3 Mark the **Phone vibrate** checkbox.

## Screen settings

### To adjust the screen brightness

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Sound & display** > **Brightness**.
3 To decrease the screen brightness, drag the slider to the left. To increase the screen brightness, drag the slider to the right.
4 Tap **OK**.

### To set the screen to vibrate

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Sound & display** > **Haptic feedback**. In some applications, the screen vibrates when you tap it.

### To adjust the idle time before the screen turns off

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Sound & display** > **Screen timeout**.
3 Select an option.

To turn off the screen quickly, briefly press the power key .

### To keep the screen on while charging the phone

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Applications** > **Development**.
3 Mark the **Stay awake** check box.



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## Orientation

### To set the screen orientation to automatic

1 From the Home screen, drag upwards.
2 Find and tap **Settings** > **Sound & display**.
3 Mark the **Orientation** check box.

If you do not set the screen orientation to automatic, the phone stays in portrait orientation.

## Phone language

You can select a language to use in your phone.

### To change the phone language

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Language & keyboard** > **Select locale**.
3 Select an option.

If you choose the wrong language and cannot read the menu texts, go to *www.sonyericsson.com/support* for help.

## Flight mode

In Flight mode, no radio transmissions are made by the phone. You will not be able to turn on Bluetooth™ or Wi-Fi®.

### To turn on Flight mode

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Wireless & networks**.
3 Mark the **Flight mode** checkbox.

You can also press and hold to turn on Flight mode.

# Internet and messaging settings

To send text and multimedia messages and to access the Internet, you must have a 2G/3G mobile data connection and the correct settings. There are different ways to get these settings:

- For most phone networks and operators, Internet and messaging settings come preinstalled on your phone. You can then start using the Internet and send messages right away.
- In some cases you will get the option to download Internet and messaging settings the first time you turn on your phone. It is also possible to download these settings later from the **Settings** menu.
- You can manually add and change Internet and network settings in your phone at any time. Contact your network operator for detailed information on your Internet and messaging settings.

### To download Internet and messaging settings

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Sony Ericsson** > **Settings download**.

### To view the current Access Point Name (APN)

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Wireless & networks** > **Mobile networks**.
3 Tap **Access Point Names**.

If you have several available connections, the active network connection will be indicated by a marked button to the right.



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### To configure Internet settings manually

1 From the Home screen, drag upwards.
2 Find and tap **Settings** > **Wireless & networks** > **Mobile networks** > **Access Point Names**.
3 Press .
4 Tap **New APN** .
5 Tap **Name** and enter the name of the network profile you want to create.
6 Tap **APN** and enter the access point name.
7 Tap and enter all other information required by your service provider.
8 Press and tap **Save** .

Contact your service provider for detailed information about your network settings.

### To reset the default Internet settings

1 From the Home screen, drag upwards.
2 Tap **Settings** > **Wireless & networks** > **Mobile networks** > **Access Point Names**.
3 Press .
4 Tap **Reset to default** .

## Data traffic

### Turning off data traffic

You can disable all data connections over 2G/3G networks with your phone to avoid any unwanted data downloads and synchronizations. Contact your service provider if you need detailed information about your subscription plan and data traffic costs.

When data traffic is turned off, you can still use Wi-Fi™ and Bluetooth™ connections. You can also send and receive multimedia messages.

### To turn off all data traffic

1 From the Home screen, drag upwards.
2 Find and tap **Settings** > **Wireless & networks** > **Mobile networks**.
3 Unmark the **Data traffic** checkbox.

### Data roaming

Depending on your network operator, it might be possible to allow mobile data connections via 2G/3G outside of your home network (roaming). Please note that data transmission charges may apply. Contact your network operator for more information.

Applications may sometimes use the Internet connection in your home network without any notification, for example, when sending search and synchronization requests. Additional charges may apply for data roaming. Consult your service provider.

### To activate data roaming

1 From the Home screen, drag upwards.
2 Find and tap **Settings** > **Wireless & networks** > **Mobile networks**.
3 Mark the **Data roaming** checkbox.

You cannot activate data roaming when data traffic is turned off.

## Network settings

Your phone automatically switches between networks depending on availability. Some network operators allow you to switch networks manually, for example, if you are travelling abroad and want to use a particular network.



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To save battery, you can limit your phone to only use GSM networks. Data downloads and uploads will however be slower. If you are going to download or upload large amounts of data, we recommend that you change to another network mode or connect to the Internet through a Wi-Fi® network.

### To use GSM networks only

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Wireless & networks** > **Mobile networks**.
3. Tap **Network Mode**.
4. Select **GSM only**.

### To select another network manually

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Mobile networks** > **Network operators**.
3. Tap **Search mode**.
4. When a popup window appears, tap **Select manually**.
5. Select a network.

! If you select a network manually, your phone will not search for other network, even if you move out of range of the manually selected network.

### To activate automatic network selection

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Mobile networks** > **Network operators**.
3. Tap **Search mode**.
4. Tap **Select automatically**.



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# Calling

## Emergency calls

Your phone supports international emergency numbers, for example, 112 or 911. You can normally use these numbers to make emergency calls in any country, with or without the SIM card inserted, if you are within range of a network.

### To make an emergency call

1 From the Home screen, tap .
2 Enter the emergency number and tap . To delete a number, tap .

You can make an emergency call without a SIM card inserted.

### To make an emergency call while the SIM card is locked

1 Tap **Emergency call**.
2 Enter the emergency number and tap . To delete a number, tap .

## Call handling

### To make a call

1 From the Home screen, tap .
2 If the call log is shown, tap to enter the dial pad view.
3 Enter the number of the recipient and tap . To delete a number, tap .

### To end a call

- Tap .

### To make an international call

1 From Home screen, tap .
2 Touch and hold down **0** until a “+” sign appears.
3 Enter the country code, area code (without the first 0) and phone number, then tap .

### To answer a call

- Drag to the right across the screen.

### To decline a call

- Drag to the left across the screen.

### To mute the ringtone for an incoming call

- When you receive the call, tap .

### To change the ear speaker volume during a call

- Press the volume key up or down.

### To turn on the loudspeaker during a call

- Tap .

### To mute the microphone during a call

- Tap .



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### To enter numbers during a call

1 During a call, tap . A keypad appears.
2 Enter numbers.

## Recent calls

In the call log, you can view missed , received , and dialed calls.

### To view missed calls

1 When you have missed a call, appears in the status bar. Drag the status bar downward.
2 Tap the notifications for missed calls to open them in the call log.

### To call a number from the call log

1 From the Home screen, tap .
2 If the dial pad is shown, tap to enter the call log view.
3 Tap the number you want to call.

### To add a number from the call log to your contacts

1 From the Home screen, tap .
2 If the dial pad is shown, tap to enter the call log.
3 Tap next to the number you want to add.
4 Tap an existing contact to add the number to that contact, or tap for a new contact.
5 Edit the contact details and tap **Save**.

## Voicemail

If your subscription includes an answering service, callers can leave a voicemail message when you cannot answer a call. Usually, the voicemail number is saved on the SIM card. If not, contact your service provider to get your voicemail number. You can then enter the number manually.

### To enter your voicemail number

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Call settings** > **Voicemail settings**.
3 Enter your voicemail number.
4 Tap **OK**.

### To call your voicemail service

1 From the Home screen, tap .
2 Touch and hold down **1**.

## Multiple calls

If you have activated call waiting, you can handle multiple calls at the same time. When it is activated, you will be notified by a beep if you receive another call.

### To activate or deactivate call waiting

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Call settings** > **Additional settings**.
3 To activate or deactivate call waiting, tap **Call waiting**.

### To reject a second call

- When you hear repeated beeps during a call, tap **Busy**.

### To answer a second call and end the ongoing call

- When you hear repeated beeps during a call, tap **Replace**.



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### To answer a second call and put the ongoing call on hold

- When you hear repeated beeps during a call, tap **Answer**.

### To make a second call

1. During an ongoing call, tap .
2. Enter the number of the recipient and tap .
3. If the recipient answers, the first call is put on hold.

The same procedure applies to subsequent calls.

### To switch between multiple calls

- To switch to another call and put the current call on hold, tap the desired number or contact.

### To end the ongoing call and return to the next call on hold

- Tap .

## Conference calls

With a conference or multiparty call, you can have a joint conversation with two or more people.

### To make a conference call

1. During an ongoing call, tap .
2. Dial the number of your second participant and tap .
3. If the second participant answers, the first call is put on hold.
4. Tap .

To add more participants, repeat steps 1 to 4.

### To end a conference call

- During the call, tap .

## Call settings

## Forwarding calls

You can forward calls, for example, to another phone number, or to an answering service.

### To forward calls

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Call settings** > **Call forwarding**.
3. Select an option.
4. Enter the number you want to forward the calls to and tap **Enable**.

### To turn off call forwarding

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Call settings** > **Call forwarding**.
3. Select an option.
4. Tap **Disable**.

## Showing or hiding your phone number

You can select to show or hide your phone number on call recipients' devices when you call them.



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### To show or hide your phone number

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Call settings** > **Additional settings** > **Caller ID**.
3. Select an option.

## Fixed Dialing Numbers

If you have received a PIN2 code from your service provider, you can use a list of Fixed Dialing Numbers (FDN) to restrict outgoing and incoming calls.

### To enable or disable fixed dialing

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Call settings** > **Fixed Dialing Numbers**.
3. Tap **Activate fixed dialing** or **Deactivate fixed dialing**.
4. Enter your PIN2 and tap **OK**.

### To access the list of accepted call recipients

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Call settings** > **Fixed Dialing Numbers** > **Fixed dialing numbers**.



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# Contacts

Use the Contacts application to store and manage all your contacts. Keep your phone numbers, email addresses, birthday info and other contact data in one place. **Contacts** shows you all communication with a particular contact. Just tap on the contact to access this information in one easy overview.

You can add new contacts in your phone and synchronize them with the contacts in your Sony Ericsson Sync account, Google™ account, Microsoft® Exchange ActiveSync® account, or other accounts that support syncing contacts. **Contacts** automatically tries to join new addresses with existing contacts, to create a single entry. You can also manage this process manually.

## Getting contacts into your phone

! If you want to transfer contacts from your old phone to your new phone using any of the methods described below you should first refer to the User guide of your old phone. Also, remember that you need to back up your old contacts first before you can import them to your new phone. You can do this either by synchronizing your old phone contacts with a synchronization account, or by exporting the contacts to your SIM card or to a memory card.

You can get existing contact information into your phone using several methods:

- Use a synchronization service, such as Sony Ericsson Sync or Google Sync™. This way, you can manage your contacts both directly in the phone and from a computer.
- Import contacts from a SIM card. You may not be able to transfer all information from one phone to another using this method because of limited memory on the SIM card. Also, some phones do not support the export of contacts to a SIM card.
- Import contacts from a memory card. Please note that it is not always possible to transfer contacts from one phone to another using this method, since some phones do not support the import or export of contacts from/to a memory card.
- Use a Bluetooth™ connection to transfer contacts from one phone to another. Both phones need to be switched on. In some phones, Bluetooth™ only works when a SIM card is inserted.
- You can send contacts via messaging services such as SMS, MMS or email. Not all phones support the sending of contacts via messaging services.

### To synchronize your phone contacts with a synchronization account

1. From the Home screen, tap .
2. Press , then tap **Accounts & sync**.
3. To set up a synchronization account, tap **Add account** and follow the on-screen instructions. To synchronize with an account you have already set up, tap the account name.

### To import contacts from a SIM card

1. Insert the SIM card containing the contacts you want to import, then start the phone.
2. From the Home screen, tap .
3. Press , then tap **Import/export** > **Import SIM contacts**.
4. Tap **OK**.

### To import contacts from a memory card

1. Insert the memory card and start your phone.
2. From the Home screen, tap .
3. Press , then tap **Import/export** > **Import from memory card**.
4. Select an option and tap **OK**.

### To receive contact data sent using Bluetooth™ technology



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1 Make sure you have the Bluetooth™ function turned on and your phone set to visible. If not, then you cannot receive data from other devices.
2 When you are asked to allow a Bluetooth™ connection to your phone from the device sending the contact data, tap **OK**.
3 When you are asked to save the contact data, tap **OK**

### To receive contacts sent using a messaging service

1 When you receive a new text message, multimedia message, or email message, open the message.
2 The received contact data appears as a vCard attachment. Tap, or touch and hold the vCard file to open a menu so you can save the contact data.

## Managing your contacts

Create, edit, and synchronize your contacts in a few simple steps. Select to display only the contacts you want to use in the phone. If you synchronize your contacts with more than one account, you can join contacts in your phone to avoid duplicates.

Some synchronization services, for example some social networking services, do not allow you to edit contact details.

### To select which contacts to display

1 From the Home screen, tap .
2 Press , then tap **Contacts to view**.
3 In the list that appears, mark and unmark the desired options. If you have synchronized the contacts with an account, that account appears in the list. You can tap the account to expand the list of options further. When you are finished, tap **OK**.

### To add a contact

1 From the Home screen, tap .
2 Tap .
3 If you have synchronized your contacts with an account, select if you want to use this contact for the account, or if you want to use it only in the phone.
4 Tap **Name**, enter the name and tap **Next**.
5 Enter the phone number and tap **Done**.
6 To add an additional information field, such as an email address or another phone number, tap **Add more** and select the desired address type.
7 To add a contact picture, tap and select a picture or take a photo.
8 To select a contact ringtone, scroll down, tap **Add more** > **Ringtone**, select a ringtone and tap **Done**.
9 When you are finished, scroll up and tap **Save**.

The phone number type is selected automatically when you enter the number. You can tap the number type field to change it, for example, from **Mobile** to **Home**.

If you add a plus sign and the country code before a contact phone number, you can use the number when you make calls from other countries.



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## Contact details screen

| | |
|---|---|
| 1 | Contact picture |
| 2 | Indicates the contact is a favorite |
| 3 | Phone number of the contact |
| 4 | Infinite button for access to all communication with the displayed contact in Timescape™ |
| 5 | Indicates web services the contact is linked to |
| 6 | Send a text or multimedia message to the contact |
| 7 | Edit contact information |
| 8 | Send contact's details and choose transfer method |

### To edit a contact

1 From the Home screen, tap .
2 Tap the contact you want to edit.
3 Scroll down and tap **Edit**.
4 Edit the desired information. When you are finished, scroll up and tap **Save**.

### To delete a contact

1 From the Home screen, tap .
2 Tap the contact you want to delete.
3 Scroll down and tap **Edit**.
4 Scroll down and tap **Delete contact** > **Delete**.

### To delete all contacts

1 From the Home screen, drag upwards.
2 Find and tap **Settings**.
3 Tap **Applications** > **Manage applications**.
4 Tap **Contacts Storage**.
5 Tap **Clear data**.

### To export contacts to the SIM card

1 From the Home screen, tap .
2 Press , then tap **Import/export** > **Export to SIM card**.
3 Tap **OK**.

! When you export contacts to your SIM card, the amount and the type of information you can transfer for each contact is limited. This is due to limited memory on SIM cards.

### To export all contacts to the memory card

1 From the Home screen, tap .
2 Press , then tap **Import/export** > **Export to memory card**.
3 Tap **OK**.



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## Avoiding duplicate entries in your Contacts

If you synchronize your contacts with a new account or import contact information in other ways, you could end up with duplicate entries in your Contacts. If this happens, you can join such duplicates to create a single entry. And if you join entries by mistake, you can separate them again later.

### To join contacts

1. From the Home screen, tap .
2. Tap the contact you want to join with another contact, then tap **Edit**.
3. Press , then tap **Join contacts**.
4. Select the contact you want to join with from the list of suggestions, or tap **All contacts** and select from all contacts.
5. Tap **OK**.

### To separate joined contacts

1. From the Home screen, tap .
2. Touch and hold the joined contact you want to edit, then tap **Edit contact**.
3. Press , then tap **Separate**.
4. Tap **OK**.

# Communicating with your contacts

### To search for a contact

1. From the Home screen, tap .
2. Tap **Search**.
3. Enter the first letters of the contact name you are searching for.
4. The hits appear in a list. If you get more than one hit, tap the down arrow to see the full list of hits.
5. Scroll to and tap the desired contact.

### To call a contact

1. From the Home screen, tap .
2. Tap the contact.
3. Tap the desired phone number of the contact.

### To send a text or multimedia message to a contact

1. From the Home screen, tap .
2. Tap the contact.
3. Tap  next to the desired phone number of the contact.
4. Edit the message and tap **Send**.

! You can only send text messages and multimedia messages to mobile phone numbers.

### To send an email message to a contact

1. From the Home screen, tap .
2. Tap the contact.
3. Tap the desired email address for the contact.
4. Edit the message and tap **Send**.

### To view all communication with a contact in Timescape

1. From the Home screen, tap .
2. Tap the contact you want to view the communication for.
3. Tap . If you have never used Timescape before, tap **Continue**.
4. All missed calls, text and multimedia messages, and Facebook and Twitter updates from the contact are displayed in Timescape.



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## Favorites

You can mark a contact as a favorite for quick access. In the favorites view, a contact is represented by its picture. If one of your favorite contacts does not have a picture, that contact is given a default picture.

### To mark or unmark a contact as a favorite

1. From the Home screen, tap .
2. Tap the contact you want to add to or remove from your favorites.
3. Tap **Edit** > **Favorite** > **Save**.

### To access your favorite contacts

1. From the Home screen, tap .
2. Tap the tab. The favorites appear as thumbnails.

### To add a contact picture

1. From the Home screen, tap .
2. Tap the contact you want to add a picture to.
3. Scroll down and tap **Edit**.
4. Tap .
5. If you want to select a picture from the camera album, tap **Photos** and select a photo. If you want to take a photo with the camera, tap **Take a new photo** and take the picture.
6. Crop the picture by using the frame and tap **Save**.
7. Scroll up and tap **Save**.

You can also add a picture to a contact from **Album**.

## Sharing your contacts

### To send a contact

1. From the Home screen, tap .
2. Tap the contact you want to send, then tap **Send contact**.
3. Select an available transfer method, and follow the on-screen instructions.

### To send all contacts

1. From the Home screen, tap .
2. Press , then tap **Send all contacts**.
3. Select an available transfer method, and follow the on-screen instructions.



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# Messaging

## Using text and multimedia messaging

You can send and receive text messages from your phone using SMS (Short Message Service). If your subscription includes MMS (Multimedia Messaging Service), you can also send and receive messages that contain media files, for example, pictures and videos. A single text message may contain up to 160 characters. If you exceed 160 characters, then all your single messages are linked and sent together. You are charged for each 160-character message sent. When you view your messages, they appear as conversations, which means that all messages to and from a particular person are grouped together.

To send multimedia messages, you need the correct MMS settings in your phone. See *Internet and messaging settings* on page 28.

### To create and send a message

1. From your Home screen, tap .
2. Tap **New message**.
3. Tap **Write message**, enter your message text and tap **Next**.
4. To add a recipient, you need to select a contact or enter the full number manually in the text input field, and then tap **Done**.
5. If you want to add a media file, tap and select an option.
6. If you want to add or remove recipients before sending the message, press . To add a recipient, tap **Add recipient**. To remove a recipient, tap **Edit recipients** and tap next to a recipient field. When you are finished, tap **Done**.
7. To send the message, tap **Send**.

If you exit a message before sending, it gets saved as a draft. The conversation gets tagged with the word **Draft**.

### To read a received message

1. From your Home screen, tap .
2. Tap the desired conversation.
3. If the message is not yet downloaded, tap the message, then tap **Download message**.

When you receive a text or multimedia message, appears in the status bar. To read the message, you can also drag the status bar downwards and tap the received message when the status bar is open.

### To reply to a message

1. From your Home screen, tap .
2. Tap the desired conversation.
3. Enter your reply and tap **Send**.

### To forward a message

1. From your Home screen, tap .
2. Tap the desired conversation.
3. Touch and hold the message you want to forward, then tap **Forward message**.
4. Select a recipient from the list, or tap **New conversation** to add a recipient who is not in the list.
5. Edit the message and tap **Send**.

### To delete a message

1. From your Home screen, tap .
2. Tap the desired conversation.
3. Touch and hold the message you want to delete, then tap **Delete message** > **Yes**.



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### To delete conversations

1. From your Home screen, tap .
2. Press , then tap **Delete several**.
3. Mark the checkboxes for the conversations you want to delete, then tap **Delete**.

### To save a sender's number to a contact

1. From your Home screen, tap .
2. Tap a conversation.
3. Tap the sender's number at the top of the screen.
4. Tap .
5. Select an existing contact, or tap **New contact** if you want to create a new contact.
6. Edit the contact information and tap **Save**.

### To call a message sender

1. From your Home screen, tap .
2. Tap a conversation.
3. Tap the recipient at the top of the screen.
4. If the recipient is saved in your contacts, tap the phone number you want to call. If you have not saved the recipient in your contacts, tap .

### To save a file contained in a message you receive

1. From your Home screen, tap .
2. Tap the desired conversation.
3. If the message has not been downloaded yet, tap the message, then tap **Download message**.
4. Touch and hold the file you want to save, then select the desired option.

## Text and multimedia message options

### To change the notification settings for messages

1. From your Home screen, tap .
2. Press , then tap **Settings**.
3. If desired, tap **Notification tone** and select a notification sound.
4. If desired, tap **Notification vibration** and mark the checkbox to activate.

### To change the delivery report settings for outgoing messages

1. From your Home screen, tap .
2. Press , then tap **Settings**.
3. Tap **Delivery report** to activate or deactivate the delivery report.

! When a message has been delivered to the recipient, appears in the message.

### To view messages saved on the SIM card

1. From your Home screen, tap .
2. Press , then tap **Settings** > **SIM messages**.



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# Email

You can use your phone to send and receive emails through your regular email account.

You can set up synchronization with a Microsoft® Exchange Server by using the Dataviz® RoadSync™ application in your phone. You can then use the **RoadSync Mail** application in your phone with your Microsoft® Exchange Server email account. Go to *www.dataviz.com* for more information.

### To set up an email account in your phone

1. From your Home screen, drag upwards.
2. Find and tap **E-mail**.
3. Enter your email address and password, then tap **Continue**.
4. If the settings for the email account cannot be downloaded automatically, you can complete the setup manually.

If you need to enter the settings manually, contact your email service provider for the correct email account settings. For example, you need to know if the server type is POP3 or IMAP.

To set up more than one email account, see *To add an extra email account in your phone* on page 44.

.

## Using e-mail

### To create and send an email message

1. From your Home screen, drag upwards.
2. Find and tap **E-mail**.
3. If you are using several email accounts, tap the account you want to send the message from.
4. Tap **Write new**.
5. Tap **To:** and enter the recipient's address, then tap **Done**. You can add more recipients by repeating this step, or you can delete a recipient by tapping .
6. Tap **Subject**, enter the email subject and tap **Done**.
7. Tap **Write e-mail**, enter the message text and tap **Done**.
8. To attach a file, tap . Tap the type of file to attach, then tap the file you want to attach from the list of files that appears.
9. Tap **Send**.

### To receive and read email messages

1. From your Home screen, drag upwards.
2. Find and tap **E-mail**.
3. If you are using several email accounts, tap the account that you want to check for new messages, then tap **Inbox**.
4. To download new messages, tap .
5. Tap the message you want to read.

If you press when you are viewing your list of email accounts in step 3, you will update the inboxes for all email accounts.

### To view an email message attachment

1. From your Home screen, drag upwards.
2. Find and tap **E-mail**.
3. Find and tap the desired message.
4. If necessary, tap the attachment to download it. Then tap the attachment to open it.

If you want to edit a picture attachment, tap the icon in the left corner and select an option.



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### To save a sender's email address to your contacts

1. From the Home screen, drag upwards.
2. Find and tap **E-mail**.
3. Find and tap the desired message.
4. Tap the sender's field at the top of the screen.
5. Tap the email address under **From:**, then tap **Save contact**.
6. Select an existing contact, or tap **New contact** if you want to create a new contact.
7. Edit the contact information and tap **Save**.

### To reply to an email message

1. From the Home screen, drag upward.
2. Find and tap **E-mail**.
3. Find and tap the message you want to reply to.
4. Scroll down the message and tap **Reply** or, if there are many recipients, **Reply all**.
5. Tap the message text field, enter the message text and tap **Done**.
6. Tap **Send**.

### To forward an email message

1. From the Home screen, drag upward.
2. Find and tap **E-mail**.
3. Find and tap the message you want to forward.
4. Scroll down the message and tap **Forward**.
5. Tap **To:**, enter the recipient's address and tap **Done**.
6. Tap the message text field, enter the message text and tap **Done**.
7. Tap **Send**.

### To delete email messages

1. From the Home screen, drag upward.
2. Find and tap **E-mail**.
3. Find and tap the folder containing the messages you want to delete.
4. Press , then tap **Delete several**.
5. Mark the checkboxes for the messages you want to delete, then tap **Delete**.

### To change the email checking frequency

1. From your Home screen, drag upwards.
2. Find and tap **E-mail**.
3. If you have set up more than one email account, tap the account you want to adjust.
4. Press , then tap **Account settings** > **Email check freq.** and select an option.

### To change the inbox size of a phone email account

1. From your Home screen, drag upwards.
2. Find and tap **E-mail**.
3. If you have several email accounts, tap the account you want to edit.
4. Press , then tap **Account settings** > **Inbox size** and select an option.

! The number of messages that can be displayed in an email inbox in your phone is limited. Only the most recently received messages appear.



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## Using email accounts

### To add an extra email account in your phone

1 From your Home screen, drag upwards.
2 Find and tap **E-mail**.
3 Press , then tap **Add account**.
4 Enter your email address and password, then tap **Continue**.
5 If the settings for the email account cannot be downloaded automatically, you need to complete the setup manually.

### To set an email account as your default account

1 From your Home screen, drag upwards.
2 Find and tap **E-mail**.
3 Tap the account you want to set as the default account for composing and sending email.
4 Press , then tap **Account settings**.
5 Mark the **Default account** checkbox.

If you only have one email account, then this account is automatically the default account.

### To remove an email account from your phone

1 From your Home screen, drag upwards.
2 Find and tap **E-mail**.
3 If you have several email accounts, tap the account you want to delete.
4 Press , then tap **Account settings**.
5 Press , then tap **Delete account** > **OK**.

## Gmail™ and other Google services

If you have a Google™ account, you can use the Gmail™ application in your phone to read, write and organize email messages. After you set up your Google™ account to work in your phone, you can also chat to friends using the Google Talk™ application, synchronize your phone calendar application with your Google Calendar™, and download applications and games from Android Market™.

### To set up a Google™ account in your phone

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Accounts & sync** > **Add account** > **Google™**.
3 Follow the registration wizard to create a Google™ account, or sign in if you already have an account.
4 Your phone is now ready to use with Gmail™, Google Talk™ and Google Calendar™.

It is also possible to set up, or create, a Google™ account from the setup wizard the first time you start your phone. You can also create a Google™ account by going to *www.google.com/accounts* in the web browser of your computer.

### To open the Gmail™ application

1 From the Home screen, drag upward.
2 Find and tap **Gmail™** .



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# Google Talk™

You can use Google Talk™ instant messaging in your phone to chat with friends who also use this application.

### To start Google Talk™

1 From the Home screen, drag upward.
2 Find and tap **Talk**.

### To reply to an instant message with Talk

1 When someone contacts you on **Talk**, appears in the status bar.
2 Drag the status bar downwards, then tap the message and begin to chat.



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# Sony Ericsson Timescape™

Sony Ericsson Timescape™ changes the way you interact with others by collecting all your communications into one view. Every event – Facebook or Twitter updates, text and multimedia messages, missed calls – appears as a tile in a chronological flow on the screen. You can see a snack-size preview of an event before choosing to view the full content. You can also filter by event type to view all communications with a particular contact.

The services and features described in this chapter may not be supported in all countries or regions, or by all networks and/or service providers in all areas.

### To start Timescape™

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. The first time you start Timescape, you can tap **Log in** and log in to your **Facebook** or **Twitter** account to receive **Facebook** and **Twitter** updates in Timescape. If you do not want to log in, tap **Skip**.

If you are already logged in to Facebook, Twitter, or another online service while setting up the phone for the first time, when you start Timescape™, the welcome screen will not be displayed and you are not required to log in again.

If you are not logged in and you tap **Skip**, then you can always log in from the Home screen by tapping **Settings** > **Sony Ericsson** > **Timescape™ settings** > **Services**.

## Timescape™ main view

| | |
|---|---|
| 1 | Filter icon |
| 2 | Status update icon |
| 3 | Contact icon |
| 4 | Refresh icon (only visible if you are logged in to a web service account) |
| 5 | Timescape™ tiles (in chronological order) |
| 6 | Tile content icon (displays the content you are currently viewing) |

## Timescape™ widget

For quick access, the Timescape™ widget can be added on the Home screen. See *Home screen* on page 16.



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## Using Timescape™

### To scroll through tiles in Timescape™

- Touch and hold a tile, then drag it up or down.

## Tile icons

The following icons on a tile indicate types of events. When you are previewing a tile, you can tap the icon or the tile to view the related event.

| | |
|---|---|
| | A missed call |
| | A text or multimedia message |
| | Updates from your Twitter contacts |
| | Updates from your Facebook contacts |

### To log in to Facebook™ or Twitter™ from Timescape™

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Press , then tap **Settings** > **Services**.
4. Tap the service you want to log in to.
5. Enter your login details.

When you have logged in to a web service, you can update your status or view updates from the web service in Timescape™.

### To update your Facebook™ or Twitter™ status in Timescape™

1. From your Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Tap .
4. Tap **Select services**.
5. Tap the service for which you want to update your status. If you not are logged in to the service, you need to enter your login details. When you have selected the desired service, tap **Done**.
6. Tap **Edit status**, enter your new status, and tap **Send**.

### To log out of Facebook™ or Twitter™ from Timescape™

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Press , then tap **Settings** > **Services**.
4. Tap the service you want to log out of, then tap **Log out**.

### To view an event in Timescape™

1. From your Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Scroll to the tile for the desired event.

### To call back from Timescape ™ when you have a missed call

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Scroll to the tile representing the missed call, then tap the tile.
4. In the list of calls, tap the desired number.

### To reply to a text or multimedia message in Timescape™

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Scroll to a text or multimedia message tile, then tap the tile.
4. Edit the message and tap **Send**.



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### To add a number from a Timescape tile to a contact

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Scroll to the tile containing the number you want to add to your contact.
4. Tap .
5. Select the contact to which you want to add the number, or tap **Create new contact** to create a new contact.
6. Edit the contact details and tap **Save**.

### To link a web service contact to a phone contact in Timescape™

1. From the Home screen, drag upward.
2. Find and tap **Timescape™**.
3. Scroll to a tile representing an update from the web service contact.
4. Tap , then tap **OK**.
5. Tap the phone contact which you want to link to the web service contact, then tap **OK**.

### To refresh the Timescape™ main view

1. From your Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Tap .

When you refresh the main view, your phone connects to the Internet to update information from the email and web service accounts you have linked to Timescape™.

### To filter the events displayed in Timescape™

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Tap the tile filter icon on the top left corner.
4. Select the types of events you want to view. You can filter on web services, **Messages**, **Missed calls**, or view all communications with a contact.

### To view all communication with a contact

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Scroll to the tile for the contact you want to view.
4. Tap .
5. Tap the contact name.

You can only view all communication with a contact if the contact is saved in **Contacts**.

## Timescape™ settings

### To access Timescape™ settings

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Press , then tap **Settings**.

### To change the events displayed in Timescape™

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Press , then tap **Settings** > **Select content**.
4. Tap the desired checkboxes, then tap **Done**. If you are not logged in to a web service you want to select, tap the service and enter your login details.



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### To clear Timescape™ content

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Press , then tap **Settings** > **Clear content**.
4. Tap the content you want to clear, then tap **OK**.

### To schedule web service content updates in Timescape™

1. From the Home screen, drag upwards.
2. Find and tap **Timescape™**.
3. Press , then tap **Settings** > **Schedule updates**.
4. Tap the desired option. If you select **Manual**, no automatic updates will be made.



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# Android Market™

Open Android Market™ and enter a world of applications and games. You can browse these applications and games through "top downloads" and other categories. You can also rate an application or game and send feedback on it.

To use Android Market™, you need to have a Google ™ account. See *To set up a Google™ account in your phone* on page 44.

! Android Market™ may not be available in all countries or regions

### To open Android Market™

1 From the Home screen, drag upwards.
2 Find and tap **Market**.

## Payment options

When you download paid applications from Android Market™, your purchase is handled through Google Checkout™. In some cases, you can download free trial versions of applications through Android Market™, but if you want to continue using the application, the download and payment of the full version must be made through the manufacturer's website.

- **Google Checkout™** – Google Checkout is an online payment processing service. It offers, for example, information about your purchase history and gives you protection from credit card fraud by not giving your full credit card number to the vendor. You can use your Google email account to log in to Google Checkout from your phone. If you do not have a Google Checkout account, you can sign up for a new account from your phone. Payment can be made with a credit, debit, or gift card. Some vendors may also accept payment through your phone billing account.

! It may not be possible to buy applications through Android Market™ in all countries or regions.

## Downloading from Android Market™

You can download all kinds of applications from Android Market™, including free applications. If you pay for an application through Google Checkout, the application is tied to your Google account so that it can be installed an unlimited amount of times on any device.

### Before you download applications

Before you start downloading from Android Market™, make sure that you have a working Internet connection.

Also, remember that you might incur data traffic charges when you download content to your phone. Contact your operator for more information.

### To download a free application

1 In Android Market™, find an item you wish to download by browsing categories, or by using the search function.
2 Tap the item to view its details.
3 Tap **Install**.
4 If the application you want to download requires access to your data or control of any functions on your phone, an additional screen appears telling you what the application can access. Read this screen carefully because the functionality of your phone may be seriously affected if you proceed. Tap **OK** if you agree, or **Cancel** if you wish to cancel the download.



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### To download a paid application

1. In Android Market™, find an item you wish to download by browsing categories, or by using the search function.
2. Tap the item to view its details.
3. Tap **Buy**.
4. Enter your username and password to log in to Google Checkout. You can use your Google email account, or create a new Google Checkout account.
5. Once you are logged in, follow the instructions in your phone to complete your purchase.

### To open a downloaded application

1. In Android Market™, press , then tap **Downloads**.
2. Tap the downloaded application.

You can also access downloaded applications from the applications panes.



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# PlayNow™ service

You can use the PlayNow™ service to download applications, games, and music. The PlayNow™ service offers both free and non-free downloads. You can download items from your phone, or from your computer.

The PlayNow™ service is not available in all countries.

## Before you download applications and content

Before you download, make sure that you have an Internet connection. Also, you may need to have a memory card inserted in your phone to download content, such as music, ringtones and themes.

When you download content to your phone, you might be charged for the amount of data transferred. Contact your operator for information about data transfer rates in your country.

### To start PlayNow™

1. From the Home screen, drag upward.
2. Find and tap .

## Registering for a PlayNow™ account

You can download content from the PlayNow™ service without registering for an account, but registration will give you some benefits. You will be able to pay using your credit card, and review your purchase and download history. You can also download all your music twice; once to your mobile and once in high-quality MP3 format to your computer. By registering, you will be able to redeem vouchers.

### To register a PlayNow™ account

1. Tap , then press .
2. In the menu, tap **Login** > **Sign up**.
3. Enter your personal information, and then tap **Sign up**.

## Payment options

There are two ways to pay for applications and other content you purchase from the PlayNow™ service:

- **Credit card** – pay with your credit card. You need to be logged in to your PlayNow™ account to be able to pay with your credit card. If you pay by credit card, the price will be lower than if you pay using Premium SMS. All your personal data is securely transferred using Secure Sockets Layer (SSL) encryption. When your purchase has been validated, the download will start automatically.
- **Premium SMS** – pay using SMS when you are in your home country. You do not have to be a registered user to pay for content using the Premium SMS method. Your purchased items will be automatically downloaded to your phone.

Both payment options are not always available in all countries, or with all service providers.

### Vouchers

Vouchers are codes to access content such as music, applications and games offered in a campaign.

You can access the vouchers option, when you register for PlayNow. Ask your network operator for more information on voucher offerings and their codes in a specific campaign.

Vouchers and campaigns are not available in all countries and on all networks. The vouchers option will still be visible in your phone, even if the voucher service is not available in your country.



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### To redeem a voucher

1. From the **PlayNow™** screen, press ⊞.
2. Tap **Voucher**.
3. Enter the voucher code.
4. Tap **Redeem voucher**.

! Vouchers are not offered in all countries or on all networks.

## Downloading from the PlayNow™ service

You can download content from the PlayNow™ service both from your phone and from your desktop browser. Choose from a variety of applications, games and music.

### To download an item from your phone

1. Open the PlayNow™ service and find an item you want to download by browsing categories, or by using the search function.
2. Tap the item to view its details.
3. Select to buy the item using your credit card or premium SMS. The item will start to download automatically.

### To access a downloaded item

1. In the PlayNow™ service, press ⊞, then tap **Downloads**.
2. Tap the downloaded item.



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# Getting organized

## Calendar

Your phone has a calendar for managing your time schedule. If you have a Sony Ericsson account or a Google™ account, you can also synchronize your phone calendar with your web calendar. See *Synchronizing* on page 58.

You can set up synchronization with a Microsoft® Exchange Server by using the Dataviz® RoadSync™ application in your phone. You can then use the **RoadSync Calendar** application in your phone with your Microsoft® Exchange Server calendar. Go to *www.dataviz.com* for more information.

### To open the Calendar application

1. From the Home screen, drag upward.
2. Find and tap **Calendar**.

When you open the **Calendar** application for the first time, it opens in month view.

### To create a calendar event

1. From the Home screen, drag upwards.
2. Find and tap **Calendar**.
3. Tap .
4. Tap **Subject**, enter a subject and tap **Done**.
5. Tap **Time**. Tap a number field and scroll up or down to select the desired hour or minute. Tap **Done**.
6. Tap **Date**. Tap a number field, then scroll up or down and tap the desired date. Tap **Done**.
7. If you synchronize your phone calendar with multiple calendars, tap **Calendar**, then tap the desired calendar for the appointment and tap **Done**.
8. Tap **Reminder**. Tap a number field, then scroll up or down and tap the desired number. Tap **Done**.
9. Tap **Location** and **Description** if you want to enter such details.
10. If you want to set a recurring appointment, tap **Recurrence**, mark the desired option and tap **Done**.
11. Tap **Save**.

When the appointment time approaches, your phone plays a short sound to remind you. Also, appears in the status bar.

### To view a calendar event

1. From the Home screen, drag upward.
2. Find and tap **Calendar**.
3. Navigate to the desired day, then tap the event.

### To edit a calendar event

1. From the Home screen, drag upward.
2. Find and tap **Calendar**.
3. Navigate to the desired day, then tap the event.
4. Tap **Edit**, edit the information and tap **Save**.

### To delete a calendar event

1. From the Home screen, drag upwards.
2. Find and tap **Calendar**.
3. Navigate to the desired day, then tap the event.
4. Tap **Edit**.
5. Scroll down and tap **Delete appointment** at the bottom of the screen.



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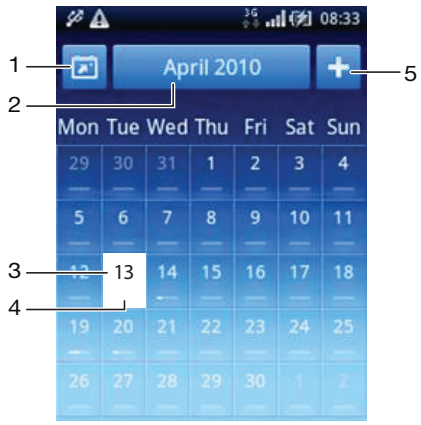
## Calendar month view




| | |
|---|---|
| 1 | View current month (only available when viewing another month than the current) |
| 2 | Select a month |
| 3 | Current day |
| 4 | Meetings indicator. A completely white block indicates meetings throughout the day |
| 5 | Add appointment |

### To switch between day and month view

1. To switch from month view to day view, tap the desired day.
2. To switch from day view to month view, press ⇦.

### To view other days and months

- In the month view and day view, flick left to view the previous day or month, or flick right to view the next day or month.

In the month view, you can also tap the month selector at the top of the screen to change the month.

## Calendar reminders

### To view an event reminder

- When the reminder icon 30 appears in the status bar, drag the status bar downward, then tap the event reminder.

### To dismiss an event reminder

1. When the reminder icon 30 appears in the status bar, drag the status bar downwards. The Notification panel opens.
2. Tap the desired event.
3. Press ⇦.

### To disable an event reminder

1. When the reminder icon 30 appears in the status bar, drag the status bar downwards. The Notification panel opens.
2. Tap the desired event.
3. Tap **Edit**.
4. Scroll down and tap **Reminder**.
5. Tap **(No reminder)** > **Done** > **Save**.



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## Synchronizing your calendar

If you have a Sony Ericsson account or a Google™ account, you can also synchronize your phone calendar with your web calendar. See *Synchronizing* on page 58.

If you synchronize with Google Calendar™ and have access to multiple shared calendars in Google Calendar™, all appointments from all of the shared calendars will appear in the calendar view of your phone.

## Notes

You can use the Notes application to write short messages and lists. You can also set reminders for notes you enter.

### To add a note

1. From the Home screen, drag upwards.
2. Find and tap **Notes**.
3. Tap **Add note**, enter some text and then tap .
4. If you want to set a reminder, tap . To change a number, tap the number, then scroll to and tap the desired number. When you are finished, tap **Done**.
5. If you want the note to appear on the Home screen, tap .
6. When you are finished, press .

### To view and edit a note

1. From the Home screen, drag upwards.
2. Find and tap **Notes**.
3. Scroll to and tap the note you want to edit.
4. Tap the note again and edit the relevant text.
5. Tap .
6. When you are finished, press .

### To view a note reminder

- When the reminder icon appears in the status bar, drag the status bar downward, then tap the note reminder.

### To delete a note

1. From the Home screen, drag upward.
2. Find and tap **Notes**.
3. Scroll through the notes and tap the note you want to delete.
4. Tap , then tap **Delete**.

## Alarm clock

You can use your phone as an alarm clock. You can use any sound in your phone as an alarm signal. If the phone is set to silent mode, the alarm signal will still sound.

### To open the alarm clock

1. From the Home screen, drag upwards.
2. Find and press **Alarm**.

### To set a new alarm

1. From the Home screen, drag upwards.
2. Find and tap **Alarm**.
3. Tap **Add new**.
4. Set the time and tap **Done**.



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### To edit an existing alarm

1. From the Home screen, drag upwards.
2. Find and tap **Alarm**.
3. To adjust an existing time, tap it, scroll the bar up or down, and tap the desired time.
4. If you use 12-hour format, tap **am** or **pm** and select an option.
5. Tap **Done**.

The phone's general time settings determine whether a 12- or 24-hour format is displayed for the alarm.

### To deactivate an alarm

1. From the Home screen, drag upwards.
2. Find and tap **Alarm**.
3. Drag the slider key to the left to grey out the alarm clock icon. The alarm is now deactivated.

### To activate an existing alarm

1. From the Home screen, drag upwards.
2. Find and tap **Alarm**.
3. Drag the slider key to the right to turn on the alarm.

### To delete an alarm

1. From the Home screen, drag upwards.
2. Find and tap **Alarm**.
3. Tap the desired alarm.
4. Tap **Delete**.

### To set the alarm signal

1. From the Home screen, drag upwards.
2. Find and tap **Alarm**.
3. Tap the desired alarm.
4. Tap **Alarm signal**.
5. Select an option.
6. Tap **Done**.

### To set a recurring alarm

1. From the Home screen, drag upwards.
2. Find and tap **Alarm**.
3. Tap the desired alarm.
4. Tap **Recurrence**.
5. Mark the checkboxes for the desired days, then tap **Done**.

### To set a title for an alarm

1. From the Home screen, drag upwards.
2. Find and tap **Alarm**.
3. Tap the desired alarm.
4. Tap **Alarm text** and write something in the text field.
5. Tap **Done**.

### To turn off or snooze an alarm when it sounds

- When the alarm signal is ringing, drag the slider to the right to turn it off, or tap **Snooze** to snooze it.



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# Synchronizing

Synchronizing information between your phone and a computer is an easy and practical way to share the same contacts, messages, or calendar events on both devices. You can use the applications in your phone to synchronize different information:

- Sony Ericsson Sync – synchronize your phone contacts with your personalized Sony Ericsson website. The contacts are safely stored in one place and you can use them with several phones.
- Google Sync™ – synchronize your phone with your Gmail™, Google Calendar™, and Google™ contacts.
- RoadSync™ – synchronize your phone with your corporate Microsoft® Exchange email, contacts, and calendar to keep them with you all the time.

## Sony Ericsson Sync

Use Sony Ericsson Sync to synchronize your phone contacts with a personalized Sony Ericsson website at *www.sonyericsson.com/user*.

At this website, you can safely store and edit your contacts in one place. With Sony Ericsson Sync, you can synchronize the contacts with several phones or a new phone. You need to have a Sony Ericsson account to use the website. See *To set up a Sony Ericsson account in your phone* on page 58.

### To set up a Sony Ericsson account in your phone

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap **Add account** > **Sony Ericsson Sync**.
4. Follow the registration wizard to create a Sony Ericsson account, or sign in if you already have one.
5. Tap **Sync interval** and select how often you want the phone to synchronize automatically.
6. Tap **Done**.
7. Tap your newly created Sony Ericsson Sync account and mark the checkboxes for the items you want to synchronize.

### To synchronize manually using Sony Ericsson Sync

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap **Sony Ericsson Sync**.
4. Press , then tap **Sync now**.

### To edit your Sony Ericsson account

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap **Sony Ericsson Sync**.
4. Mark or unmark the checkboxes for the items you want to synchronize.
5. If you need to change your account settings, tap **Account settings**, edit the desired information and tap **Done**.

### To set a synchronization interval

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap **Sony Ericsson Sync**.
4. Tap **Account settings**.
5. Tap **Sync interval** and select an interval option that suits you.



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### To remove a Sony Ericsson account from your phone

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap **Sony Ericsson Sync**.
4. Tap **Remove account**.
5. Tap **Remove account** again to confirm.

The account is removed from your phone, but it still exists on the Sony Ericsson server. You can use it to log in to the Sony Ericsson website at *www.sonyericsson.com/user*.

## Google Sync™ synchronization service

You can use the Google Sync™ synchronization service to synchronize your phone with your Gmail™, Google Calendar™, and Google™ contacts.

To synchronize with your Google™ account, the account needs to be set up in your phone. See *To set up a Google™ account in your phone for synchronization* on page 59.

### To set up a Google™ account in your phone for synchronization

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap **Add account** > **Google™**.
4. Follow the registration wizard to create a Google™ account, or sign in if you already have an account.
5. If you want the phone to synchronize automatically with your Google™ account, make sure **Auto-sync** is selected.
6. Tap your newly created Google™ account and mark the checkboxes for the items you want to synchronize.

What items you can synchronize depends on which Google™ services you have activated in your phone.

### To synchronize manually with your Google™ account

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap the Google™ account you want to synchronize.
4. Press , then tap **Sync now**.

### To change your Google™ synchronization settings

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap the Google™ account you want to edit.
4. Mark or unmark the checkboxes for the items you want to synchronize.

### To remove a Google™ account from your phone

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Accounts & sync**.
3. Tap the Google™ account you want to remove from the accounts list.
4. Tap **Remove account**.
5. Tap **Remove account** again to confirm.

You can remove all your Google™ accounts from the accounts list, except for the first one. To remove the first account, you have to make a complete reset of the phone. See *Resetting the phone* on page 96.



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## Synchronizing with a Microsoft® Exchange Server using the RoadSync™ application

You can use the RoadSync™ application in your phone to synchronize phone content with a Microsoft® Exchange Server. This way you can access all of your corporate emails, calendar events and contacts from your phone.

Once you set up the service, your emails, calendar events and contacts will be wirelessly synchronized with the RoadSync™ application in your phone. You can then set up new emails to be automatically pushed to your phone. It is also possible to set up automatic synchronization schedules for peak hours and off peak hours.

For more information on the RoadSync™ application, go to *www.dataviz.com*.

### To set up RoadSync™ synchronization

! Contact your Microsoft® Exchange Server administrator for the correct account settings.

1. From the Home screen, drag upwards.
2. Find and tap **RoadSync**.
3. Follow the on-screen instructions to set up a Microsoft® Exchange Server synchronization.
4. Once you have entered your account settings, you can change the account preferences. When finished, press , then tap **Done**.

### To read emails in Roadsync

1. From the Home screen, drag upward.
2. Find and tap **RoadSync** > **E-mail**.
3. Tap a message to read it.

### To view calendar events in RoadSync Calendar

1. From the Home screen, drag upward.
2. Find and tap **RoadSync** > **Calendar**.
3. Press .
4. Select whether you want to display your agenda, the current day, the current week, or the current month.

### To manually synchronize RoadSync Mail

1. From the Home screen, drag upward.
2. Find and tap **RoadSync** > **E-mail**.
3. Press .
4. Tap **Sync**.

### To change the synchronization schedule for the RoadSync™ applications

1. From the Home screen, drag upward.
2. Find and tap **RoadSync** > **Settings** > **Sync Schedule**.
3. Tap any setting to change it.
4. When finished, tap **Set**.



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# Connecting to wireless networks

You can access the Internet wirelessly from your phone using Wi-Fi® technology. This way you can browse the web and access cheaper call and data rates.

If your company or organization has a virtual private network (VPN) you can connect to this network with your phone. This way you can, for example, access intranets and other internal services at your company.

## Wi-Fi®

Using Wi-Fi® technology you can access the Internet wirelessly with your phone. To access the Internet using a Wi-Fi® connection, you first need to search for and connect to an available Wi-Fi® network. The signal strength of the Wi-Fi® network may differ depending on your phone's location. Moving closer to the Wi-Fi® access point may increase the signal strength.

### To turn on Wi-Fi®

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks**.
3. Mark the **Wi-Fi** checkbox. The phone will now scan for available Wi-Fi® networks.

It may take a few seconds before Wi-Fi® gets enabled.

### To connect to a Wi-Fi® network

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
3. Available Wi-Fi® networks are displayed under **Wi-Fi networks**. The available networks may be open or secured. Open networks are indicated by and secured networks are indicated by next to the Wi-Fi® network name.
4. Tap a Wi-Fi® network to connect to it. If you are trying to connect to a secure Wi-Fi® network, you are asked to enter the password. is displayed in the status bar once you are connected.

Your phone remembers Wi-Fi® networks you connect to. The next time you come within reach of a previously connected Wi-Fi® network, your phone automatically connects to it.

In some locations, open Wi-Fi® networks require you to log in to a web page before you can get access to the network. Contact the relevant Wi-Fi® network administrator for more information.

### To connect to another Wi-Fi® network

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**. Detected Wi-Fi® networks are displayed in the **Wi-Fi networks** section.
3. Tap another Wi-Fi® network to connect to it.

## Wi-Fi® network status

When you are connected to a Wi-Fi® network or when there are Wi-Fi® networks available in your vicinity, it is possible to see the status of these Wi-Fi® networks. You can also enable the phone to notify you whenever an open Wi-Fi® network is detected.

### To enable Wi-Fi® network notification

1. Make sure Wi-Fi® is turned on.
2. From the Home screen, drag upwards.
3. Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
4. Mark the **Network notification** checkbox.



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### To scan for Wi-Fi® networks manually

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
3. Press .
4. Tap **Scan**. The phone scans for Wi-Fi® networks and displays them in the **Wi-Fi networks** section.
5. Tap a Wi-Fi® network in the list to connect to the network.

## Advanced Wi-Fi® settings

Before you add a Wi-FI® network manually, you need to turn on the Wi-Fi® setting in your phone.

### To add a Wi-Fi® network manually

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
3. Tap **Add Wi-Fi network**.
4. Enter the **Network SSID** for the network.
5. Tap the **Security** field to select a security type.
6. If required, enter a password.
7. Tap **Save**.

Contact your Wi-Fi® network administrator to get the **Network SSID** name and **Wireless password**.

### To view detailed information on a connected Wi-Fi® network

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
3. Tap the Wi-Fi® network that you are currently connected to. The detailed network information will be displayed.

## Wi-Fi® sleep policy

By adding a Wi-Fi® sleep policy, you can disable the Wi-Fi® functionality in your phone when the screen turns off. This will maximize your phone's battery performance. You can also set the phone to never turn off the Wi-Fi® functionality, or to never turn it off when you are charging your phone.

If you are not connected to a Wi-Fi® network, the phone uses a 2G/3G mobile data connection to access the Internet (if you have set up and enabled a mobile data connection in your phone).

### To add a Wi-Fi® sleep policy

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
3. Press .
4. Tap **Advanced**.
5. Tap **Wi-Fi sleep policy**.
6. Select a **Wi-Fi sleep policy** to use.

## Using a static IP address

You can set up the phone to connect to a Wi-Fi® network using a static IP address.



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### To set up a static IP address

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
3. Press .
4. Tap **Advanced**.
5. Mark the **Use static IP** checkbox.
6. Tap and enter the information needed for your Wi-Fi® network:
   - **IP address**
   - **Gateway**
   - **Netmask**
   - **DNS 1**
   - **DNS 2**
7. Press and tap **Save**.

## Virtual private networks (VPNs)

Use your phone to connect to virtual private networks (VPNs), which allow you to access resources inside a secured local network from outside the actual network. For example, VPN connections are commonly used by corporations and educational institutions for users who need to access intranets and other internal services when they are outside of the internal network, for example, when they are traveling.

VPN connections can be set up in many ways, depending on the network. Some networks may require you to transfer and install a security certificate in your phone. See *Connecting your phone to a computer* on page 68 for more information on how to transfer content to your phone. For detailed information on how to set up a connection to your virtual private network, please contact the network administrator of your company or organization.

### To add a virtual private network

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **VPN settings**.
3. Tap **Add VPN**.
4. Select the type of VPN to add.
5. Enter your VPN settings.
6. Press and tap **Save**.

### To connect to a virtual private network

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Wireless & networks** > **VPN settings**.
3. In the list of available networks, tap the VPN you want to connect to.
4. Enter the required information.
5. Tap **Connect**.

### To disconnect from a virtual private network

1. Drag the status bar downwards.
2. Tap the notification for the VPN connection to turn it off.



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# Web browser

Use your web browser to view and navigate web pages, add pages as bookmarks, and create shortcuts to them from the applications panes. You can open several browser windows at the same time and use the zoom function when navigating a web page.

### To open the web browser

1 From the Home screen, drag upward.
2 Find and tap **Browser**.

## Toolbar

The toolbar options make browsing easy:

| | |
|---|---|
| | Open a new browser window |
| | Add, open, or edit a bookmark. View your most visited web pages or open web pages from the browser history |
| | View open windows |
| | Refresh the current web page. This option is only visible in landscape mode |
| | Go forward one page in the browsing history |
| | Open a menu to see more options |

### To open the toolbar

- From the browser, press .

## Browsing the web

### Search and address bar

Use the search and address bar to browse the web:

1 View the download progress of the current web page

2 Enter a search word to search for a web page, or enter a web page address to load a web page

3 Cancel the download of the current web page

When a page has finished downloading, you can bookmark it by tapping the bookmark icon next to the search and address bar.

### To go to a web page

1 Tap the search and address text field to activate the keypad.
2 Enter a web address.
3 Tap **Go**.

### To search a web page

1 Tap the search and address text field to activate the keypad.
2 Enter a search word.
3 Tap **Go**.



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### To exit the web browser

- While browsing, press □.

When you open the browser again, the browser appears exactly as it did before you exited, that is, with the same number of windows, position and zoom levels.

## Navigating web pages

### To select a link

- To select a link in a web page, tap the link. The selected link is highlighted in orange, and the web page is loaded when you release your finger.

If you select a link by mistake before releasing your finger, you can deselect it by dragging your finger away until the link is no longer highlighted.

### To go to the previous page while browsing

- Press ⇦.

### To zoom in or out on a web page

1. Drag your finger in any direction on the screen to activate the zoom controls on the web page.
2. Tap the icon to zoom out, or tap to zoom in.

Double-tap anywhere on the web page to quickly zoom in or out.

### To reload the current web page

1. Press ⊞.
2. Tap **Refresh**

## Managing web pages

### To create a shortcut to the current web page

1. When viewing a web page, press ⊞.
2. Tap **More** > **Add shortcut to Home**.
3. Edit the predefined shortcut name, if desired.
4. Tap **Add** to add the shortcut to the applications panes.

### To share a link to the current web page

1. While browsing, press ⊞.
2. Tap **More** > **Share page**.
3. Select an available transfer method, and follow the on-screen instructions.

## Managing bookmarks

Bookmarks let you access your favorite and frequently visited web pages quickly. Depending on your network operator, some bookmarks may be preinstalled on your phone.

### To bookmark a web page

1. While you are viewing a web page, press ⊞.
2. Tap **Bookmarks** > **Add**.
3. If desired, you can edit the name and the web address.
4. When you are done, tap **OK**.

To quickly bookmark a web page you can also tap the icon to the right of the search and address field.



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### To open a bookmark

1. From the **Browser** screen, press .
2. Tap **Bookmarks**.
3. Tap the bookmark you want to open.

### To edit a bookmark

1. From the **Browser** screen, press .
2. Tap **Bookmarks**.
3. Tap and hold your finger on a bookmark to open a menu.
4. Tap **Edit bookmark**.
5. Edit name and web address, as desired.
6. Tap **OK**.

### To delete a bookmark

1. From the **Browser** screen, press .
2. Tap **Bookmarks**.
3. Tap and hold your finger on a bookmark to open a menu.
4. Tap **Delete bookmark** to delete the selected bookmark.

### To bookmark a previously visited web page

1. From the **Browser** screen, press .
2. Tap **Bookmarks**.
3. Tap the **History** tab, or the **Most visited** tab, to view a list of previously visited web pages.
4. Tap the icon to the right of the web page you want to add as a bookmark.

## Managing text and images

### To find text within a web page

1. When you are viewing a web page, press .
2. Tap **More** > **Find on page**
3. Enter the search word and press **Done**.
4. Matching characters will be highlighted in green. Tap the left or right arrow to go to the previous or next matching item.
5. Tap to close the search bar.

### To save an image

1. Tap and hold your finger on the desired image until a menu appears.
2. Tap **Save image**.

## Multiple windows

Your browser can run in up to eight different windows at the same time. You can, for example, log in to your webmail in one window and read today's news in another. You can easily switch from one window to another.

### To open a new browser window

1. From the **Browser** screen, press .
2. Tap **New window**.

### To open a link in a new browser window

1. Tap and hold your finger on a link until a menu appears.
2. Tap **Open in new window**.

### To switch between browser windows

1. From the **Browser** screen, press .
2. Tap **Windows** to see a list of all open windows.
3. Tap the window you want to switch to.



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## Downloading from the web

You can download applications and content when you browse the web using the web browser in your phone. Usually you have to touch a download link for the desired file and the download then starts automatically.

### To view your downloaded files

1 From the **Browser** screen, press .
2 Tap **More** > **Downloads**.

### To cancel an ongoing download

1 From the **Browser** screen, press .
2 Tap **More** > **Downloads**.
3 Tap and hold your finger on a file download to open a menu.
4 Tap **Cancel download**.

## Browser settings

### To change your browser settings

1 From the **Browser** screen, press .
2 Tap **More** > **Settings**.

### Auto-fitting web pages

The auto-fit option makes it easier for you to read large websites with text and images, such as news sites. For example, if you zoom in on a web page when auto-fit is enabled, the text automatically adjusts to the new screen size. If auto-fit is disabled, you might need to scroll sideways to read a full sentence.

### To auto-fit web pages

1 From the **Browser** screen, press .
2 Tap **More** > **Settings** > **Auto-fit pages**.



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# Connecting your phone to a computer

By connecting your phone to a computer you can transfer and handle files such as pictures and music. You may not be allowed to exchange some copyright protected material.

You can connect your phone to a computer with a USB cable or by using Bluetooth™ wireless technology. When connecting your phone to a computer with a USB cable you will be able to install and use the PC Companion application on your computer. With the PC Companion application you can access additional applications to transfer and organize media files, update your phone, and more.

## Transferring and handling content using a USB cable

You can connect your phone to a computer with a USB cable in order to manage files on your phone. From your computer's file explorer, you can then drag and drop content between your phone and the computer. Use the Media Go™ application on your computer when you transfer music, video and pictures, or any other media files, to make sure they get adapted and transferred to your phone in a correct and convenient way.

If you are running an application on your phone and the application is using the memory card, you may need to close the application in order to access the memory card.

### To drag and drop content between your phone and a computer

1. Connect your phone to a computer using a USB cable.
2. **Phone**: Tap **Connect your phone**.
3. **Computer**: Open Windows Explorer from the desktop and wait until your phone's memory card appears as an external disk in Windows Explorer.
4. **Computer**: Drag and drop the desired files between your phone and the computer.

Your phone cannot access the memory card while the card is being accessed by the computer. During this time, some applications in the phone, such as the camera, may not be accessible.

The above transfer method works with most devices and operating systems supporting a USB Mass Storage interface.

### To disconnect the USB cable safely

Do not disconnect the USB cable when transferring content as this may corrupt the content.

1. **Computer**: Make sure that the hardware is safely removed.
2. Disconnect the USB cable.

Computer instructions may vary depending on your operating system. See the documentation of your computer's operating system for more information.

## PC Companion

PC Companion enables you to access and use additional features and services connected to your phone, for example, the Media Go application, to transfer music, video, and pictures. You can also update your phone to get the latest software available.

You need one of these operating systems to use the PC Companion application:

- Microsoft® Windows 7
- Microsoft® Windows Vista®
- Microsoft® Windows® XP, Service Pack 3, or higher

Connect your phone and computer with a USB cable to install and use PC Companion.

### To install PC Companion

1. Connect your phone to a computer using a USB cable.
2. Tap **Install PC Companion**.
3. **Computer**: PC Companion automatically starts on your computer after a few seconds. Follow the on-screen instructions to install PC Companion.



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### To use PC Companion

1. Connect your phone to a computer using a USB cable.
2. **Phone**: Tap **Connect your phone**.
3. **Computer**: PC Companion automatically starts on your computer after a few seconds.

If PC Companion does not start automatically, you can start it from the start menu of your computer.

## Media Go™

The Media Go™ computer application helps you transfer and manage media content in your phone and computer. Install the Media Go™ application from the PC Companion application. See *PC Companion* on page 68 for more information.

You need one of these operating systems to use the Media Go™ application:

- Microsoft® Windows 7
- Microsoft® Windows Vista®
- Microsoft® Windows® XP, Service Pack 3, or higher

To be able to transfer files between Media Go™ and your phone, you must first connect a USB cable between your phone and a computer. You must also enable your phone to connect to the computer. See *To drag and drop content between your phone and a computer* on page 68 for more information.

To learn more about how to use the Media Go™ application, see the help section in the main menu of the Media Go™ application.

### To transfer content using the Media Go™ application

1. Connect your phone to a computer using a USB cable.
2. Tap **Connect your phone**.
3. **Computer**: In PC Companion, click to start Media Go™. If it's the first time you are starting Media Go™ it may need to install before you move on to the next step.
4. Move files between your phone and the computer in the Media Go™ application.

Media Go™ can also be downloaded from *www.sonyericsson.com/support*.



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# Bluetooth™ wireless technology

Turn on the Bluetooth™ function in your phone and create wireless connections to other Bluetooth™ compatible devices such as computers, handsfree accessories, and phones. Bluetooth™ connections work better within a 10 meter (33 feet) range, with no solid objects in between. In some cases you have to manually pair your phone with other Bluetooth™ devices. Remember to set your phone to discoverable if you want other Bluetooth™ devices to detect it. Alternatively, you can send files to other devices by email, or transfer them to your computer using a USB cable connection.

! Interoperability and compatibility among Bluetooth® devices vary.

### To turn on the Bluetooth™ function and make your phone visible

1 From the Home screen, drag upward.
2 Find and tap **Settings** > **Wireless & networks**.
3 Mark the **Bluetooth** checkbox. appears in the status bar.
4 Tap **Bluetooth settings**.
5 Mark the **Discoverable** checkbox. The phone will now be visible to other devices for 120 seconds.

## Phone name

You can give your phone a name. This name is shown to other devices after you have turned on the Bluetooth™ function and your phone is set to visible.

### To enter a phone name

1 Make sure the Bluetooth™ function is turned on.
2 From the Home screen, drag upward.
3 Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**.
4 Enter a phone name of your choice.
5 Tap **OK**.

## Pairing with another Bluetooth™ device

When you pair your phone with another device, you can, for example, connect your phone to a Bluetooth™ handsfree or a Bluetooth™ car kit and use these devices to make and receive calls.

Once you have paired your phone with a Bluetooth™ device the phone will remember this pairing. When pairing the phone with a Bluetooth™ device, you may need to enter a passcode. Your phone will automatically try the generic passcode 0000. If this does not work, refer to your Bluetooth™ device documentation for the device passcode. You do not need to re-enter the passcode the next time you connect to a paired Bluetooth™ device.

Some Bluetooth™ devices, for example, most Bluetooth™ headsets, require you to both pair and connect with the other device.

You can pair your phone with several Bluetooth™ devices, but you can only connect to one Bluetooth™ profile at the same time.



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### To pair your phone with another Bluetooth™ device

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
3. Tap **Scan for devices**. The Bluetooth™ devices found will be listed under **Bluetooth devices**.
4. Tap the Bluetooth™ device that you want to pair with your phone.
5. Enter a passcode, if required.
6. The phone and the Bluetooth™ device are now paired. With some devices, you also need to connect before you can start using them. The status of the pairing and connection is shown below the name of the Bluetooth™ device in the **Bluetooth devices** list.

! Make sure that the device you want to pair your phone with has the Bluetooth™ function activated and Bluetooth™ visibility turned on.

### To connect your phone to another Bluetooth™ device

! Some Bluetooth™ devices, for example, most Bluetooth™ headsets, require you to first pair and then connect with other Bluetooth™ devices before a successful connection can be established.

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
3. In the **Bluetooth devices** list, touch and hold the Bluetooth™ device that you want to connect to your phone.
4. Tap **Connect**.

### To disconnect a Bluetooth™ device

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
3. In the **Bluetooth devices** list, touch and hold the name of the connected Bluetooth device.
4. Tap **Disconnect**.

! Even if you disconnect a Bluetooth™ device, the device is still paired with your phone. To remove the pairing, you need to tap **Disconnect & unpair**.

### To unpair a Bluetooth™ device

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
3. In the **Bluetooth devices** list, touch and hold the name of the connected Bluetooth™ device.
4. Tap **Unpair**.

## Sending and receiving items using Bluetooth™ technology

Share items with other Bluetooth™ compatible devices such as phones or computers. You can send and receive several kinds of items using the Bluetooth™ function, such as:

- Photos and videos
- Music and other audio files
- Contacts
- Web pages



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### To send items using Bluetooth™

1. **Receiving device:** Make sure the Bluetooth™ device you want to send the item to has Bluetooth™ turned on and is in discoverable mode.
2. In your phone, open the application which contains the item you want to send and scroll to the item.
3. Depending on the application and the item you want to send, you may need to, for example, touch and hold the item, open the item or press . Other ways to send an item may exist.
4. Select a share or send menu item.
5. In the menu that appears, select **Bluetooth**.
6. Turn on Bluetooth™, if you are asked to do so.
7. Under **Bluetooth devices**, tap the name of the receiving device.
8. **Receiving device:** If asked, accept the connection.
9. If asked, enter the same passcode on both devices, or confirm the suggested passcode.
10. **Receiving device:** Accept the incoming item.

### To receive items using Bluetooth™

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Wireless & networks**.
3. Mark the **Bluetooth** checkbox. appears in the status bar.
4. Tap **Bluetooth settings**.
5. Mark the **Discoverable** checkbox. The phone will now be visible to other devices for 120 seconds.
6. **Sending device:** Send one or more items to your phone using Bluetooth™.
7. If asked, enter the same passcode on both devices, or confirm the suggested passcode.
8. When you are notified of an incoming file to your phone, drag the status bar downward and tap the notification to accept the file transfer.
9. Tap **Accept** to start the file transfer.
10. To view the progress of the transfer, drag the status bar downward.
11. To open a received item straight away, drag the status bar downward and tap the relevant notification.

! Your phone must have a memory card inserted to be able to receive items using Bluetooth™ wireless technology.



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# Backing up and restoring

Use the Backup and restore application to make backups of phone content to your memory card. Such backups can be used to restore your content and some phone settings in cases where your data gets lost or deleted.

If your phone is running Android version 1.6, you need to back up your data before updating to a higher version.

## Types of content you can back up

The following types of data can be backed up using the Backup and restore application:

- **Bookmarks**
- **Call log**
- **Contacts**
- **Market applications**
- **Multimedia messages**
- **System settings** (such as alarms, ringer volume)
- **Text messages**

Music files, and photos or videos taken with the phone camera are automatically saved on the memory card and do not need to be backed up.

You may incur additional data transmission charges when you restore Market applications.

### To back up phone content manually

1. From your Home screen, drag upwards.
2. Find and tap **Backup and restore**.
3. Tap **Back up**.
4. If you want to create a new backup file, tap **Add new**, enter a name for the backup file and tap **Continue**. If you want to replace the content of a previous backup file, tap the desired backup file, then tap **Replace**.
5. Mark the checkboxes for the content you want to back up, then tap **Continue**.

### To schedule the automatic backup of phone content

1. From your Home screen, drag upwards.
2. Find and tap **Backup and restore**.
3. Tap **Schedule**.
4. Select the desired recurrence frequency and start time for the backup, then tap **Continue**.
5. Mark the checkboxes for the content you want to back up, then tap **Continue**.

Every time a scheduled automatic backup file is created, the previous version of the backup file is overwritten.

### To disable the scheduled backup of phone content

1. From your Home screen, drag upwards.
2. Find and tap **Backup and restore**.
3. Tap **Schedule** > **Never** > **Continue**.

### To restore phone content

Remember that any changes you make to your data and settings after you create a backup will get deleted during a restore procedure.



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1 From your Home screen, drag upwards.
2 Find and tap **Backup and restore**.
3 Tap **Restore**.
4 Tap the backup file you want to restore from.
5 Mark the checkboxes for the content you want to restore, then tap **Continue**.

! You may be asked to restart your phone for the restore procedure to take effect.

### To delete a backup file from the memory card

1 From your Home screen, drag upwards.
2 Find and tap **Backup and restore**.
3 Tap **Back up**.
4 Touch and hold the backup file you want to delete, then tap **Delete**.



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# Walkman™

Get the most out of your Walkman™ player. Listen to music, audio books and podcasts, or use the infinite button and explore more media content about an artist you're listening to.

Install the Media Go™ application on your computer and transfer content to and from the memory card in your phone. Media Go™ can be downloaded from *www.sonyericsson.com/support*. For more information, see *Connecting your phone to a computer* on page 68.

## Copying media files to your memory card

Copy all your favorite media content from computer to phone and start using your phone's entertainment features to the full. It's easy to transfer music, photos, videos and other files. Just connect your phone to a computer with a USB cable and use one of the following methods:

- Use a file manager application, for example, Windows Explorer. See *To drag and drop content between your phone and a computer* on page 68
- Use the Media Go™ computer application. See *Media Go™* on page 69

See *Connecting your phone to a computer* on page 68 for more general information about connecting your phone and transferring files.

## Using the Walkman™ player

### To play audio content

1. From the Home screen screen, tap . If does not appear on the Home screen, drag upwards, then find and tap **Walkman™** .
2. Tap .
3. Tap to browse audio by artist. Tap to use playlists. Tap to browse audio by track.
4. Scroll up or down and browse to a track.
5. Tap a track to play it.



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## Walkman™player overview

| | |
|---|---|
| 1 | Browse the music on the memory card |
| 2 | Infinite button: find related material online |
| 3 | Cover art (if available) |
| 4 | Go to the previous track in the current playlist, or rewind |
| 5 | Play/Pause button |
| 6 | Progress indicator: fast forward or rewind by dragging or tapping |
| 7 | Time remaining of current track |
| 8 | Go to the next track in the current playlist, or fast forward |
| 9 | View the current playlist |

### To browse your audio content

1. From the Home screen, tap . If does not appear on the Home screen, drag upwards, then find and tap **Walkman™** .
2. Tap .
3. Tap to browse audio by artist. Tap to use playlists. Tap to browse audio by track.
4. Scroll up or down and browse to a track.

### To change tracks

- In the Walkman™ player, tap or .

### To pause a track

- In the Walkman™ player, tap .



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### To fast forward and rewind music

- In the Walkman™ player, touch and hold or .

You can also drag the progress indicator marker right or left.

### To adjust the audio volume

- Press the volume key.

### To view a current playlist

- In the Walkman™ player, tap .

### To listen to the Walkman™ player while using other applications

1. Press or to leave the Walkman™ player.
2. Open and use other applications while the Walkman™ player is playing in the background.

Alternatively, you can press and hold down to access the most recently used applications.

### To return to the Walkman™ player when it is playing in the background

1. Drag the status bar downward to open the Notification panel.
2. Tap the track title to open the Walkman™ player.

Alternatively, if you have recently used the Walkman™ player, you can press and hold down and then tap **Walkman™** to open it.

### To delete a track

1. When browsing your tracks in the Walkman™ player library, touch and hold a track title.
2. Tap **Delete**.

You can also delete albums and playlists this way.

### To delete one or more tracks at the same time

1. In the Walkman™ player, tap .
2. Press .
3. Tap **Delete several**.
4. Tap one or more tracks that you want to delete.
5. Tap **Delete**.

### To share a track

1. When browsing your tracks in the Walkman™ player library, touch and hold a track title.
2. Tap **Send**.
3. Select an available transfer method, and follow the on-screen instructions.

You can also share albums and playlists this way.

You might not be able to copy, send or transfer copyright-protected items.

### To share one or more tracks at the same time

1. When browsing your tracks in the Walkman™ player library, press .
2. Tap **Send several**.
3. Tap one or more tracks that you want to share.
4. Tap **Send**.
5. Select an available transfer method, and follow the on-screen instructions.

You might not be able to copy, send or transfer copyright-protected items.



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## Playing music in random order

You can play tracks in playlists in random order. A playlist can be, for example, a playlist you have created yourself, or an album.

### To play tracks in random order

1. In the Walkman™ player, tap .
2. Tap and navigate to an album, or tap and browse to a playlist.
3. Open the album or playlist by tapping its name.
4. Tap .

## Playlists

The Walkman™ player automatically creates smart playlists on the playlist tab in the audio library. The Walkman™ player also creates a playlist (called **Top tracks**) of the most played songs of each artist in your audio library. You can use the Media Go™ application to maintain your music library, and to create playlists on your computer. For more information, see *Connecting your phone to a computer* on page 68.

! Playlists that you create yourself can be copied from the memory card or created in the application. When you connect the phone to your computer using the USB cable, the memory card appears in the Media Go™ application.

### To play smart playlists

1. In the Walkman™ player, tap .
2. Tap .
3. Under **Smart playlists**, tap a playlist.
4. Tap a track to play it.

### To play the most played songs of an artist

1. In the Walkman™ player, tap .
2. Tap and tap an artist.
3. Tap **Top tracks**. Up to ten tracks by the artist are displayed.
4. Tap a track to play it.

### To create your own playlist

1. In the Walkman™ player, tap .
2. Tap .
3. Under **My playlists**, tap **Create new playlist**.
4. Mark the tracks and tap **Create**.
5. Enter the name for your playlist, and tap **OK**.

### To play your own playlists

1. In the Walkman™ player, tap .
2. Tap .
3. Under **My playlists**, tap a playlist.
4. Tap a track to play it.

### To edit a playlist

1. In the Walkman™ player, tap .
2. Tap .
3. Under **My playlists**, touch and hold a playlist.
4. Tap **Edit**.



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### To add tracks to a playlist

1 In the Walkman™ player, tap .
2 Tap .
3 Under **My playlists**, touch and hold a playlist.
4 Tap **Edit**, and tap **Add tracks**.
5 Mark the track that you want to add.
6 Tap **Add** > **Save**.

### To delete a playlist

1 In the Walkman™ player, tap .
2 Tap .
3 Under **My playlists**, touch and hold a playlist.
4 Tap **Delete**.

### To copy playlists to your memory card

1 **Computer**: Start the Media Go™ application on your computer.
2 **Phone**: Connect your phone to a computer using a USB cable. If you are asked to install PC Companion, press . PC Companion can be set up later, to help you manage your phone on your computer.
3 **Phone**: Drag the status bar downwards and tap **USB connected** > **Mount**.
4 **Computer**: Locate the memory card in the Media Go™ application.
5 **Computer**: Copy existing playlists from your computer to the memory card by dragging and dropping the playlists between the phone and the computer.

## Exploring related music content

When using the Walkman™ player, you can find and explore online media content related to an artist you're listening to by tapping the Infinite button .

### To explore related audio content

1 In the Walkman™ player, tap .
2 Flick left or right to view results on available online services (operator-dependent).
3 To return to the Walkman™ player, press .

# Podcasts

Podcasts consist of media content, for example, radio programs, which you can subscribe to using web feeds (RSS). You can download such content to your computer using the podcast feature in the Media Go™ application. You can then copy the podcast to the memory card in your phone using the Media Go™ application on your computer. If you install an RSS reader in your phone, you can also start a subscription to a site which has audio feeds. For more information, see *Connecting your phone to a computer* on page 68.

### To play podcasts in your phone

1 Files you have downloaded via audio podcasts, for example, radio programs, can be found in the Walkman™ player audio library. In the Walkman™ player, tap .
2 Tap or .
3 Scroll up or down and browse to a title.
4 Tap a title to play it.

# TrackID™ technology

Use the TrackID™ music recognition service to identify a music track you hear playing in your surroundings. Just record a short sample of the song and you'll get artist, title and album info within seconds. You can also purchase tracks identified by TrackID™. For best



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results, use TrackID™ technology in a quiet area. If you have problems using this application, see *I cannot use Internet-based services* on page 97.

! The TrackID™ application and the TrackID™ service are not supported in all countries/ regions, or by all networks and/or service providers in all areas.

### To open the TrackID™ application

1 From the Home screen, drag upwards.
2 Find and tap **TrackID™** .

### To search for track information

1 When the **TrackID™** application is open, tap **Record**.
2 Hold the phone towards the music source. The results are shown in the result screen.

## Using TrackID™ technology results

Track information appears when a track is recognized after a search and also in a history list. When a track has been recognized by TrackID™ technology, you can purchase the track, mark it as your favorite, recommend it, or find related content for the track on the YouTube™ service.

### To buy a track using TrackID™ technology

1 Tap one of the keys in the track information screen to purchase, recommend, or view the track on the YouTube™ service.
2 To open the track information screen from the history list, tap a track. To open the track information screen from any of the charts, tap **Charts**.

The displayed list and chart is set to your own region. Tap to see the popular search by people in other countries.

The track purchase feature may not be supported in all countries/ regions, or by all networks and/or service providers in all areas.



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# FM radio

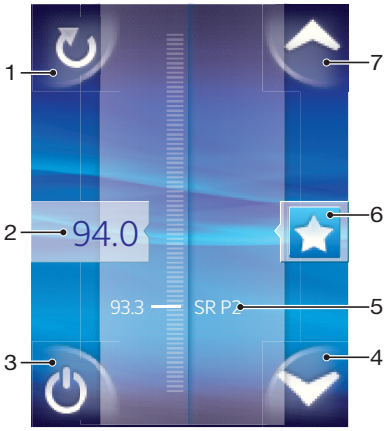
You can browse and listen to FM radio stations, and save them as favorites. You can listen to the radio either through a portable handsfree or headphones, or through the speaker in the phone. You have to connect a portable handsfree or headphones, as they work as the antenna for the FM radio. When you open the FM radio, available channels appear automatically. If a channel has RDS information, it appears a few seconds after you start listening.

### To open the FM radio

1. Connect a portable handsfree or headphones to the phone.
2. From the Home screen, drag upwards.
3. Find and tap **FM radio**. The available channels appear as you scroll through the frequency band.

**You have to connect a portable handsfree or headphones, which work as the antenna.**

## FM radio overview




| | |
|---|---|
| 1 | Scan for new channels |
| 2 | The tuned frequency |
| 3 | Radio on/off key |
| 4 | Move downwards to the next favorite (available when favorites are saved) |
| 5 | RDS (Radio Data System) information – not available in all countries/regions |
| 6 | Assign or unassign a channel as a favorite |
| 7 | Move upwards to the next favorite (available when favorites are saved) |

## Moving between radio channels

You can move between radio channels along a frequency band by:

- Flicking up and down.
- Dragging.
- Tapping a channel or, if available, the RDS information (station identification).

## Using your favorite radio channels

You can save the radio channels you most frequently listen to as favorites. By using favorites you can quickly return to a radio channel.



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### To save a channel as a favorite

1. When the radio is open, navigate to the channel that you want to save as a favorite.
2. Tap .

### To remove a channel as a favorite

1. When the radio is open, navigate to the channel that you want to remove as a favorite.
2. Tap .

### To move between favorite channels

- When the radio is open, tap or .

! To move between favorites, you need to save at least two channels as favorites.

## Making a new search for radio channels

If you have moved to a new location or the reception has improved in your current location, you can start a new scan for radio channels.

! Any favorites you have saved are not affected by a new scan.

### To start a new search for channels

- When the radio is open, tap . The radio scans the whole frequency band, and all available channels are displayed.

## Switching between the speaker and the handsfree

You can choose to listen to the radio either through the portable handsfree or headphones, or through the speaker in the phone.

### To switch between the speaker and handsfree

1. When the radio is open, press .
2. Tap **Play in speaker**.
3. To play the sound through the portable handsfree or headphones again, press and tap **Play in hands free**.



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# Videos

Use the video player to browse and view your favorite videos, including streaming videos. You'll also find video in the camera album, which stores material you've recorded yourself using the phone camera. Streaming videos can be started by tapping a link on an active web page in your web browser. You can also view streaming videos using the YouTube™ application.

## Copying media files to your memory card

Copy all your favorite media content from computer to phone and start using your phone's entertainment features to the full. It's easy to transfer music, photos, videos and other files. Just connect your phone to a computer with a USB cable and use one of the following methods:

- Use a file manager application, for example, Windows Explorer. See *To drag and drop content between your phone and a computer* on page 68
- Use the Media Go™ computer application. See *Media Go™* on page 69

See *Connecting your phone to a computer* on page 68 for more general information about connecting your phone and transferring files.

## Using the video player

### To browse videos

1. From the Home screen, drag upwards.
2. Find and tap **Video**.
3. Scroll up or down to browse your videos.

! You can find videos you recorded using the camera in **Album**.

### To play a video

1. From the Home screen, drag upwards.
2. Find and tap **Video**.
3. Scroll up or down to browse your videos.
4. Tap a video to play it. The controls disappear after a few seconds. You can tap the screen to make them reappear.

### To pause a video

1. When a video is playing, tap the screen to display the controls.
2. Tap .

### To fast forward and rewind a video

- Drag the progress bar marker right or left.

### To exit the video player

- Press or .

### To resume playing a video

1. If you have recently used the video player, press and hold down .
2. Tap **Video**.
3. Browse to the video and tap it. The video resumes playing from where you previously stopped it.

### To adjust the volume of a video

- Press the volume key.



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### To delete a video

1 When browsing your videos in the video player library, touch and hold a video title.
2 Tap **Delete**.

### To delete one or more videos at the same time

1 When browsing your videos in the video player library, press .
2 Tap **Delete several**.
3 Tap one or more videos that you want to delete.
4 Tap **Delete**.

### To share a video

1 When browsing your videos in the video player library, touch and hold a video title.
2 Tap **Send**.
3 Select an available transfer method, and follow the on-screen instructions.

! You might not be able to copy, send, or transfer copyright-protected items.

### To share one or more videos at the same time

1 When browsing your videos in the video player library, press .
2 Tap **Send several**.
3 Tap one or more videos that you want to share.
4 Tap **Send**.
5 Select an available transfer method, and follow the on-screen instructions.

! You might not be able to copy, send, or transfer copyright-protected items.

## YouTube™

You can watch videos on your phone by using the YouTube™ application. You can search for videos or upload your own videos.

! The YouTube™ application and the YouTube™ service are not supported in all countries/regions, or by all networks and/or service providers in all areas.

### To view streaming content in the YouTube™ application

1 From the Home screen, drag upwards.
2 Find and tap **YouTube** .
3 Press to view a menu where you can search for videos, handle your account, and upload your own videos.



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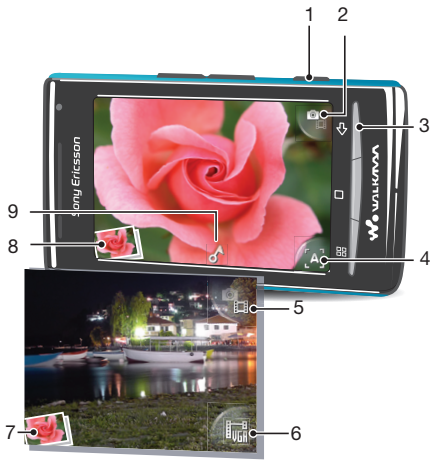
# Taking photos and recording videos

Start taking photos and recording videos with a simple press of the camera key. Improve your chances of getting a better shot: use Scenes feature before you take a photo. Share what you capture with friends, or upload your photos and videos to a web service. From the viewfinder, you can view an album containing all photos and videos you have taken using the camera.

## Viewfinder and camera controls




| | |
|---|---|
| 1 | Camera key: Activate the camera/Take photos/Record videos |
| 2 | Switch to video camera (still camera) |
| 3 | Go back one step or exit the camera |
| 4 | Select a scene (still camera) |
| 5 | Switch to still camera (video camera) |
| 6 | Select video format (video camera) |
| 7 | View photos and videos (video camera) |
| 8 | View photos and videos (still camera) |
| 9 | Geotag icon: Indicates whether geotagging only is turned on, or whether your location also has been determined. No icon indicates that geotagging is turned off |

### To activate the camera

- Press the camera key.

### To switch between the still and video cameras

- In the camera viewfinder, tap or .

### To close the camera

- Press ⇦.



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## Using the still camera

### To take a photo

1. Activate the camera.
2. If the still camera is not selected, tap .
3. Point the camera towards the subject and press the camera key. The photo is automatically saved on the memory card. The photo appears in review mode.
4. Press the camera key to return to the viewfinder to take another photo.

### To view previously taken photos

1. In the camera viewfinder, tap the photo thumbnails at the bottom left.
2. Flick left or right to browse the photos and videos. Videos are identified by .

### To delete a photo

1. When you are viewing a photo, tap the screen if no controls are displayed.
2. Tap .

### To share a photo

1. When you are viewing a photo, tap the screen if no controls are displayed.
2. Tap .
3. Select one of the available transfer methods.

## Adding the geographic position to your photos

Turn on geotagging to add the approximate geographic location (a geotag) to photos when you take them. The geographic location is determined either by wireless networks (mobile or Wi-Fi® networks) or GPS technology. When appears in the viewfinder, geotagging is turned on but the geographic position has not been found. When appears, geotagging is turned on and the geographic location is available, so your photo can get geotagged. When neither of these two symbols appears, geotagging is turned off.

### To turn geotagging on or off

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Sony Ericsson** > **Camera** > **Geotagging**.
3. Tap the checkbox to turn geotagging on or off.

! To use geotagging you must also enable location features in **Settings**. See *Location services* on page 91 for information on how to enable the location features for GPS and wireless networks.

## Viewing your photos on a map

If a geotag was added to your photo, you can view the photo on a map. Show friends and family where you were, or find your way back to the location another time.

! To view a photo taken by the camera on a map, you must turn on geotagging in the camera settings before you take the photo. You must also enable location features in **Settings**.

### To view your photos on a map

1. From the Home screen, drag upwards.
2. Find and tap **Geotags**.
3. Drag the map in any direction to locate your photos.
4. Tap to zoom in.
5. Tap a thumbnail to view photos. If more photos are at the same location, they are grouped under a thumbnail.
6. To close a group of photos, tap .
7. Tap a photo to view it in a larger size.



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### To switch between map and satellite views

1. From the Home screen, drag upwards.
2. Find and tap **Geotags**.
3. Press .
4. Tap **Map mode** and select an option.

## Improving photos with Scenes

Before you take a photo, you can set up the camera for common situations using preprogrammed scenes. The Scenes feature determines a number of settings for you to fit the selected scene, ensuring the best possible photo.

## Scenes settings

| | |
|---|---|
| | **Auto**<br>The camera uses settings that fit most conditions |
| | **Twilight**<br>Use when taking landscape photos at night or in poorly lit environments. Due to longer exposure time, the camera must be held still or placed on a stable surface |
| | **Beach/snow**<br>Use in bright environments to avoid underexposed photos |
| | **Sports**<br>Use for photos of fast-moving objects. Short exposure time minimizes motion blurring |

### To select scenes

1. Activate the camera.
2. If the still camera is not selected, tap .
3. Tap the active scene key at the bottom right in the viewfinder, for example, .
4. Tap a scene and take the photo.

## Tips when using the camera

**Rule of thirds**
Don’t place your subject in the middle of the frame. By placing it a third of the way in, you achieve a better result.

**Hold it steady**
Avoid blurry photos by holding the camera steady. Try to steady your hand by leaning it against a solid object.

**Get closer**
By getting as close as possible to your subject, you can fill the viewfinder with your subject.

**Consider variety**
Think about different angles, and move towards the subject. Take some vertical photos. Try different positions.

**Use a plain background**
A plain background helps highlight your subject.

**Keep your lens clean**
Mobile phones are used in all kinds of weather and places, and carried in pockets and bags. This results in the camera lens becoming dirty and covered with fingerprints. Use a soft cloth to clean the lens.



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## Using the video camera

### To record a video

1. Activate the camera.
2. If the video camera is not selected, tap .
3. Press the camera key to start recording.
4. Press the camera key to stop recording. The video appears in review mode.
5. To view the video, tap .
6. To record another video, press the camera key.

### To view previously recorded videos

1. In the camera viewfinder, tap the thumbnails at the bottom left.
2. Flick left or right to browse the photos and videos. Videos are identified by .

### To record a video suitable for multimedia messages (MMS)

1. Activate the camera.
2. If the video camera is not selected, tap .
3. Tap the video format icon at the bottom right of the viewfinder.
4. Tap **For MMS**.
5. Press the camera key to start recording. The recording time of this video format is limited and is most suited for sending in multimedia messages. You can monitor the recording time limit in a progress bar in the upper part of the viewfinder.



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# Camera album

In **Album** you'll find all the photos and videos you shot using your phone camera. From here, you can share your favorite content with friends, and save photos as wallpaper and contact pictures. Use the Media Go™ application on your computer if you want to transfer photo and video content to and from the memory card in your phone. For more information, see *Media Go™* on page 69.

### To browse your photos and videos

1. From the Home screen, drag upwards.
2. Find and tap **Album**.
3. Scroll up or down to browse your photos and videos. Photos and videos are shown in chronological order. Videos are indicated by .

! Videos that were not shot using your camera are saved in **Video** .

### To view photos

1. From the Home screen, drag upwards.
2. Find and tap **Album**.
3. Scroll up or down to browse your photos and videos. Videos are indicated by .
4. To view a photo in a larger size, tap the thumbnail.
5. In the photo viewer, flick left to view the next photo or video. Flick right to view the previous photo or video.

### To view the photo viewer controls

- In the photo viewer, tap the screen.

### To zoom a photo

1. When you are viewing a photo in the photo viewer, touch and hold an area on the screen until the magnifying symbols appear.
2. Drag upwards to zoom in and drag downwards to zoom out.

You can also double-tap a photo to zoom it in or out. Then drag the photo to view different parts of it.

### To play videos recorded using the camera

1. From the Home screen, drag upwards.
2. Find and tap **Album**.
3. Scroll up or down to browse your videos and photos. Videos are indicated by .
4. To play a video, tap a video thumbnail.
5. Tap .
6. In the viewer, flick left to view the next video or photo. Flick right to view the previous video or photo.

### To delete your photos or videos

1. When browsing your photos and videos in **Album** , press .
2. Tap **Delete several**.
3. Tap one or more photos or videos that you want to delete.
4. Tap **Delete**.

### To use a photo as a contact picture

1. When you are viewing a photo in the photo viewer, tap the screen to display the controls.
2. Tap .
3. Tap **Contact picture**.
4. Resize the photo if needed.
5. Tap **Save**.
6. Tap the contact you want to assign the photo to.



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### To crop a photo

1. When the crop frame appears, touch and hold the edge of the frame to adjust it. When crop arrows appear, drag inward to or outward from the center of the crop frame to resize it.
2. To move the crop frame to another area of the photo, touch and hold inside the frame, then drag it to the desired position.
3. To save the cropped photo, tap **Save**.

### To use a photo as wallpaper

1. When you are viewing a photo in the photo viewer, tap the screen to display the controls.
2. Tap .
3. Tap **Wallpaper**.
4. Resize the photo if needed.
5. Tap **Save**.

## Sharing photos and videos

You can send photos and videos you have shot using the camera via Bluetooth™ wireless technology, email or MMS (Multimedia Messaging Service), or upload them to web services, for example, Picasa™ or YouTube™.

! The YouTube™ application and the YouTube™ service are not supported in all countries/regions, or by all networks and/or service providers in all areas.

### To share your photos or videos

1. From the Home screen, drag upwards.
2. Find and tap **Album** .
3. Tap a photo or video thumbnail.
4. Tap the screen to display the controls, if needed.
5. Tap .
6. Select an available transfer method, and follow the on-screen instructions.

### To upload a photo to a web album

1. From the Home screen, drag upwards.
2. Find and tap **Album** .
3. Tap a photo thumbnail.
4. Tap the screen to display the controls, if needed.
5. Tap .
6. Select a photo sharing service and follow the on-screen instructions.



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# Location services

You can get your location determined either by using wireless networks or GPS technology. Wireless networks technology determines your position fast but accuracy may vary. If you use GPS technology it may take a little longer, but it will find your exact position. You can enable both wireless networks and GPS to benefit from both technologies when trying to find your position.

## Using GPS technology

Your phone has a GPS receiver that uses satellite signals to calculate your location. Some GPS features use the Internet. Data rates and charges may apply.

When you use features that require the GPS receiver to find your location, make sure you have a clear view of the sky. If the GPS receiver does not find your location after a few minutes, you should move to another location. To help the search, stand still and do not cover the GPS antenna. The position of the GPS antenna is shown in the image below. The first time you use the GPS receiver, it may take up to 10 minutes before your location is found.

If you cannot use some GPS features, see *I cannot use Internet-based services* on page 97.

Sony Ericsson does not warrant the accuracy of any location services, including but not limited to navigational services.

### To enable the GPS receiver

1. From the Home screen, drag upward.
2. Tap **Settings** > **Location & security**.
3. Mark the **Use GPS satellites** checkbox.

### To use wireless networks to find your position

1. From the Home screen, drag upwards.
2. Tap **Settings** > **Location & security**.
3. Mark the **Use wireless networks** checkbox.

## Google Maps™

The Google Maps™ application lets you view your current location, find other locations and calculate routes. When you start the Google Maps™ application, your approximate location



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is shown using information from mobile networks in your vicinity. Your location is updated with a more precise position when the GPS receiver finds your location.

Make sure you enable the location settings before trying to get your position.

If the screen orientation does not change automatically when you turn the phone sideways, you can change this in the display settings of your phone.

### To use Google Maps™

1 From the Home screen, drag upwards.
2 Find and tap **Maps**.

The Google Maps™ application may not be available in every market, country or region.

## Getting driving directions

The Wisepilot™ application gives you turn-by-turn voice instructions on how to get places. It also helps you manage trips and share routes and locations with friends via SMS, Twitter™ or Facebook™.

You can download and save maps to your memory card before taking trips. This way you can avoid high roaming costs when you travel outside your network.

Sony Ericsson does not warrant the accuracy of any directional services, including Wisepilot™. Also, Wisepilot may not be available in every market. For more information, including a Wisepilot User manual, go to *www.sonyericsson.wisepilot.com*.

### To start Wisepilot™

1 From the Home screen, drag upwards.
2 Find and tap **Wisepilot**.



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# Locking and protecting your phone

## IMEI number

Every phone has a unique IMEI (International Mobile Equipment Identity) number. You should keep a copy of this number. If your phone is stolen, your network provider can use your IMEI number to stop the phone from accessing the network in your country.

### To view your IMEI number

- You can find the IMEI number under the battery.

### To view your IMEI number in the phone

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **About phone** > **Status**.
3. Scroll to **IMEI** to view the **IMEI** number.

## SIM card protection

The SIM card lock only protects your subscription. Your phone will still work with a new SIM card. If the SIM card lock is on, you have to enter a PIN (Personal Identity Number). If you enter your PIN incorrectly more times than the maximum number of attempts allowed, your SIM card will become blocked. You need to enter your PUK (Personal Unblocking Key) and then a new PIN. Your PIN, PIN2, and PUK are supplied by your network operator.

### To enable the SIM card PIN lock

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Location & security** > **Set up SIM card lock** > **Lock SIM card**.
3. Enter the SIM card PIN and tap **OK**.

### To change the SIM card PIN

1. From the Home screen, drag upward.
2. Find and tap **Settings** > **Location & security** > **Set up SIM card lock** > **Change SIM PIN**.
3. Enter the old SIM card PIN and tap **OK**.
4. Enter the new SIM card PIN and tap **OK**.
5. Retype the new SIM card PIN and tap **OK**.

### To change the SIM card PIN2

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Call settings** > **Fixed Dialing Numbers** > **Change PIN2**.
3. Enter the old SIM card PIN2 and tap **OK**.
4. Enter the new SIM card PIN2 and tap **OK**.
5. Confirm the new PIN2 and tap **OK**.



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### To unblock a locked SIM card

1. When **SIM card locked**. **Enter the PUK code provided by your operator** appears, enter the PUK code and tap **OK**.
2. Enter a new PIN code and tap **OK**.
3. Repeat the new PIN code and tap **OK**.

## Screen unlock pattern

You can secure data in your phone with a screen unlock pattern that only you know how to draw. Your phone stores this pattern, and when you start your phone or activate the screen, you are asked to draw it.

! It is very important that you remember your screen unlock pattern. If you forget it, it may not be possible to restore important data such as contacts and messages. Please refer to your Sony Ericsson contact center.

### To create a screen unlock pattern

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Location & security** > **Set unlock pattern**.
3. Follow the instructions in your phone. You will be asked to select a security question that will be used to unlock the phone if you forget your screen unlock pattern.

### To unlock the screen using a screen unlock pattern

1. Press or to activate the phone.
2. Drag your finger along the path and then draw your screen unlock pattern.

### To change the screen unlock pattern

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Location & security** > **Change unlock pattern**.
3. Follow the instructions in your phone.

### To disable the screen unlock pattern

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Location & security**.
3. Unmark the **Require pattern** checkbox.
4. Draw your screen lock pattern.



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# Updating your phone

You can update your phone to the most recent software for optimal performance and to get the latest enhancements. Updates can be downloaded wirelessly directly from your phone via the Internet by using a 2G/3G mobile data connection, or by using a Wi-Fi® network connection. By connecting your phone to a computer with a USB cable, you can also download updates from the PC Companion application.

When you are using a 2G/3G mobile data connection to connect to Internet from your phone, data transmission charges may apply. Contact your network operator for more information.

Make sure you back up and save all data contained in your phone before you start updating the phone.

## Updating your phone wirelessly

### To download software updates wirelessly

1 From the Home screen, drag upwards.
2 Find and tap **Settings** > **About phone** > **Software update**.
3 Tap **Update now**. Follow the on-screen instructions to update your phone.

Select the **Auto search** option if you want your phone to automatically inform you about software updates.

## Updating your phone using a USB cable

You can update your phone using a USB cable with the PC Companion application. The PC Companion application is available when you connect your phone to a computer with a USB cable. See *PC Companion* on page 68 for more information on how to start PC Companion.

### To download software updates using a USB cable

Do not disconnect the USB cable when updating your phone as this may corrupt the content. Make sure that the hardware is safely removed from your computer when you are finished.

Before you can carry out the instructions below, you need to have PC Companion installed on your computer. To install PC Companion, connect your phone to the computer using a USB cable and follow the on-screen instructions in your phone.

1 Connect your phone to a computer using a USB cable. If you have just installed PC Companion, make sure you disconnect your phone from the computer and reconnect it again before trying to download software updates.
2 Tap **Connect your phone**.
3 **Computer**: Wait a few seconds for PC Companion to start. If PC Companion does not start automatically, you can start it from the start menu of your computer.
4 Click **Support Zone** > **Software Update** and follow the on-screen instructions to update your phone.

While using PC Companion, you will also get notifications whenever there are available software updates for your phone.



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# Troubleshooting

## My phone is not working as expected

If you experience problems with your phone, check these tips before you try anything else:

- Restart your phone.
- Remove and re-insert the battery and SIM card. Then restart your phone.
- Update your phone. Updating your phone ensures optimal performance and provides the latest enhancements. See *Updating your phone* on page 95 for more information.
- Reset your phone.

Be patient while resetting your phone. Restarting the phone during a reset procedure may damage the phone permanently.

### To force close an application

- When a popup window tells you that an application is not responding, tap **Force close**.

If you do not want to force stop an application, you can wait for it to respond by tapping **Wait**.

## Resetting the phone

You can reset your phone to its original settings, with or without deleting all your personal data and downloaded applications. It is possible to reset the phone to the state it was in before you first turned it on. But before you perform a reset, make sure to back up any important data saved on your phone.

### To reset the phone

1. From the Home screen, drag upwards.
2. Find and tap **Settings** > **Privacy**.
3. Tap **Settings reset** to reset applications such as email to their default values without changing your personal data and accounts.
4. Tap **Factory data reset** > **Reset phone** > **Erase everything** to erase all personal data from your phone, including your Google™ account and downloaded applications.

## I cannot charge the phone

The charger is not properly connected or the battery connection is poor. Remove the battery and clean the connectors.

## No battery charging icon appears when I start charging the phone

It may take a few minutes before the battery icon appears on the screen.

## The battery performance is low

Follow our smart tips on how to get more out of your battery. See *Battery performance* on page 12.

## I can't transfer content between my phone and the computer, when using a USB cable

The software or the USB drivers have not been properly installed. Go to *www.sonyericsson.com/support* for more detailed installation instructions and troubleshooting sections.



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## I cannot use Internet-based services

Make sure your subscription covers data downloads and that the Internet settings in your phone are correct. See *Internet and messaging settings* on page 28 for more information on how to enable data traffic, data roaming, and download Internet settings. Contact your network operator for more information about your subscription settings.

## Error messages

### No network coverage

- Your phone is in flight mode. Make sure flight mode is off.
- Your phone is not receiving any network signal, or the received signal is too weak. Contact your network operator and make sure that the network has coverage where you are.
- The SIM card is not working properly. Insert your SIM card in another phone. If this works, it is probably your phone that is causing the problem. In this case, contact the nearest Sony Ericsson service center.

### Emergency calls only

You are within range of a network, but you are not allowed to use it. However, in an emergency, some network operators allow you to call the international emergency number 112. See *Emergency calls* on page 31 for more information.

### SIM card is locked.

You have entered your PIN incorrectly 3 times in a row. To unlock the phone, you need the PUK provided by your operator.

### SIM card is PUK-locked.

You have entered your PUK (Personal Unblocking Key) incorrectly 10 times in a row. Please contact your service provider.



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